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The Canadian Rose Annual



Published by
The Canadian Rose Society



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The Canadian Rose Annual

1983

Tim Bucknell
EDITOR



Published by
THE CANADIAN ROSE SOCIETY
20 Portico Drive
Scarborough, Ontario M1G 3R3



Introduction

The Canadian Rose Annual 1983

In 1982 the traditional "Rose Annual" was replaced by the Canadian Rose Guide which was primarily "The Clearing House".

In the early winter of that year, under great pressure from the members of the society, the Directors of the Canadian Rose Society decided the Annual must be returned.

The reason for the "Death" of the Annual in 1982 was a financial one. If the society was to remain solvent, the Annual had to go, due to the high cost of publishing a book of that quality.

Members expecting to see the rebirth of the traditional Canadian Rose Society Annual will be sadly disappointed on turning the following modest pages, but the Society can afford this new publication and I am sure in the future we will see a growth in all aspects of the Canadian Rose Annual.

Tim Bucknell
Editor.

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Cover

Camera H.T. - Delbard

Courtesy White Rose Craft and Nurseries Ltd.



BUCKINGHAM PALACE

16th May, 1983

Dear Mr. Bucknell.

The Queen, while she was in British Columbia, received a very handsome framed photograph of the Queen Elizabeth Rose. Her Majesty was delighted with this gift and I am only sorry that it has taken so long to write at her command to thank you and all members of the Canadian Rose Society for a generous and thoughtful gift. It was made through the good offices of the Governor-General himself at the outset of a three day visit which was memorable for the wonderful welcome afforded The Queen by the people of British Columbia.

The Queen hopes that you will pass on her thanks to any others responsible with you for the presentation and, in particular, to the photographer, Mr. Nowak, for his skilful contribution.

Yours sincerely
Robert Thorne

T. Bucknell, Esq.

In the early spring the Directors of the Canadian Rose Society were contacted by the photographer Burkhart Nowak who had a fine photograph, in print form of the Queen Elizabeth rose.

With the impending visit of the Queen to British Columbia, it was felt appropriate by all, to offer it as a gift to commemorate her visit.

As Chief Patron of the Canadian Rose Society, the Governor General was very happy to present this gift on behalf of the Canadian Rose Society.

Many thanks to Burkhart Nowak, the photographer, Anne Barret, his representative, The Executive Committee of the Canadian Rose Society and Judge Milton Cadsby.

CLIMATE CONTROL IN ROSE CULTURE

“The Predominant Factor”

By
Judge Milton A. Cadsby
Honourary President,
Of The Canadian Rose Society

The Predominant Factor

Cultivating outstanding garden roses in Southern Ontario presents a grower with a challenge — cold, variable winters and hot, dry summers are a fundamental obstacle. Disease and insect problems are invariably associated with climatic conditions. Even in the greenhouse climatic conditions are a fundamental factor; indoors we can regulate climate. Outdoors, it is more difficult to control.

Greenhouse climate is created by ventilation, shading, heating, cooling and watering. Garden climate is affected by the same conditions but cannot be regulated to the same extent, so that, nature remains “the predominant factor”.

The Challenge

Because we cannot control rainfall, sunshine, wind and temperature in the garden, the growing of outstanding roses is a challenge everywhere in the world. The predominant factor determines the extent of the challenge and the possibility of success. The potential for success in the Cape Province of South Africa, in the North Island of New Zealand, in the favourable areas of the United Kingdom, in California and in Southern British Columbia is substantially greater than the potential in Southern Ontario. The rose gardener in Southern Ontario cannot duplicate those kind of ideal rose growing climates, but the grower can attempt to control the predominant factor by thoughtful planning. Rockwell and Grayson in “Rockwell’s Complete Book of Roses”, Doubleday (1958), refer to this approach as creating a “micro climate”.

Disease

Climatic conditions control disease, e.g., black spot, mildew and rust. The seasonal occurrences of these diseases demonstrates the influence of the predominant factor. Fungicides — chemical control can prevent disease or retard the effects of disease upon rose trees.

Insects

Greenhouse growers are plagued by red spider. They know that climate control through humidity adjustment is essential for prevention of this pest. In Canada most people are aware of the effect of weather on the breeding of North America’s greatest people pest, the mosquito. Last summer, Ontario was afflicted by this pest. Interestingly enough, roses were seldom better! Both roses and mosquitoes love moisture. You can’t give them too much! Where they differ is roses must have adequate drainage while mosquitoes love a swamp!

Light

The time to initiate climate control is the planning stage. Site selection for your roses is of prime importance. Consider available light. Your roses will require at least one-half day of sun. Do not select a site where less will be available. If you are fortunate enough to have a southern exposure, you have a prime choice. That exposure should be selected for maximum result. But remember that like blondes, roses will sunburn. High shade during the afternoon will help prevent scroched blooms. If a southern exposure is not available, an eastern exposure should be selected. As long as a half day of sunlight is available, good success can be expected. Remember, that available sunshine and light

can be dissipated. Over-hanging trees will diffuse sunlight. A nearby dense hedge will block a significant amount of sunrays while reducing circulation. Trees and hedges will also compete with your roses for nutrients. Malnutrition is as apparent in plants as in children if you are able to recognize the symptoms — so don't plant too close to trees and hedges! Other types of plants sharing garden space with your roses will have a similar effect. If the roses are not to be set in a bed of their own, background plant materials should be carefully selected and rose trees planted beyond the root range of companion plants. Exposure to sunlight, while it may be the most important factor in climate control, is not the only controllable condition.

Wind

Wind can be an enemy of your roses. It can desiccate them very quickly. The site selected for your roses should be protected from prevailing winds to reduce winter kill. When planting roses adjacent to a slope, remember that cold air flows downgrade like water and builds up in the lowest depression available. Air in motion lessens the chance of injury from frost; held still it increases the danger. A tight fence or a dense hedge at the bottom of a slope will dam up cold air and could result in serious frost injury according to Rockwell. It is particularly important to be mindful of this if a rose hedge is in your plan. Buildings, other plant material, shrubs and evergreens or windbreaks will assist in controlling air movement. Wind will damage open blooms invariably just before a rose show. While bloom protectors do help shield exhibition blooms from rain, they are not too effective against wind. This is one reason why some blooms should be cut a reasonable time before the rose exhibition; not the day of the show! On the morning of the show, I only cut extras that have unfolded overnight and show unexpected promise.

Moisture

Moisture is perhaps the most important climatic factor. Its presence or absence is one of the keys to success. While we can't turn rainfall off, we can and must provide adequate drainage. Raised beds are one of the common solutions. The type of soil must be taken into account. There are many alternative forms of drainage that may be used. Soil composition and drainage systems, however, are outside the scope of this article. We can gain considerable control over the supply of moisture through the use of systems as uncomplicated as the garden hose-sprinkler system to complicated underground watering systems which protect the leaves from fungus inducing wetness. If overhead watering is used, do it early in the morning so that your roses will be dry as night falls.

Scent

Anybody with a nose has learned the affect of wind on fragrance. The fragrance of our roses is much affected by wind, temperature and moisture. If you give careful thought to the affect of these conditions upon the fragrance of your roses, you will know what to do to create a condition where fragrance is most noticeable.

During the years I served as Chairman of the Awards Committee of the World Federation of Rose Societies, I noted varieties that received the largest vote internationally were those which adjusted best to the predominant factor. Those roses which did well in many different kinds of climatic conditions were contenders for "world's favourite rose", "Peace", "Queen Elizabeth" and "Fragrant Cloud" all had that common characteristic and received enough votes everywhere to achieve the status of "world's favourite rose". "Red Devil" and "Pink Favourite" are examples of varieties that do very well in the United Kingdom but are never seen on the exhibition tables of Southern Ontario rose shows. The reason for their lacklustre performance in Southern Ontario is their inability to adapt to our climatic conditions. This is true no matter what understock is selected. In choosing varieties, suitability to your climate must be borne in mind. As nurserymen do not bud varieties that fail to adapt to their area, the risk of selecting an unsuitable variety is usually small.

When the season is over and we contemplate our success and our failures, our minds will inevitably turn to the "predominant factor". Maybe next year, we will exercise more control!

Mystery Rose:

Miracle or Miscegenation

H.H. Marshall

Fifty odd years ago, a strange lady appeared in our rose garden. No shrinking violet or demure rose this girl; her favorite colors were flaming scarlet, orange and for those special occasions, shrimp pink. Her origin is unknown. Some say she was born in the garden through a miracle of mutation or spontaneous generation. That she was born in the garden seems true for she has never been reported anywhere else. Recent evidence suggests she had a more humble, possibly scandalous origin. It has been known for some years that her family name was pelargonidin. This suggests that brash *Pelargonium zonale* but surely she is not kin to that creature. Who were her parents and kin-folk? What were they like?

Prior to 1900, cultivated roses were red, purplish red, pink, white or pale yellow. Golden yellow was introduced from *R. foetida* and the first hybrid tea of this color was Soleil d'Or introduced in 1900. Scarlet pelargonin shades were first introduced in 1929 in Gloria Mundi, presumably a diploid polyantha and in the tetraploid Independence in 1951. More recently lavender, smoky, tawny, black reds and even green shades have appeared. The range of colors has increased dramatically since 1900. The scarlet or shrimp pink pelargonin colors are very popular and are found in many recently introduced roses.

Pelargonin did not occur in old rose cultivars. It has not been reported in any wild rose and, because these shades are conspicuous, it seems improbable that it will be found in some obscure place. The mysterious appearance of pelargonin in recent cultivars has been explained as being due to mutation. This explanation seems improbable unless we accept a very loose definition for mutation. Modern Roses 8 does not indicate any relationship between Independence and Gloria Mundi. Other pelargonin roses are also either distantly or not related. Furthermore, pelargonin is recessive so the 'mutation' must be present in both parents of every rose expressing the character. The 'mutation' has therefore occurred many times since 1920. This is an unacceptable frequency for 'mutation' considering it did not appear in the 2000 year history of rose growing in Europe and Asia.

Analyses of data from our breeding work between *R. arkansana* and *floribunda* or hybrid tea roses has revealed a source of pelargonin which requires a recombination of existing genes rather than repeated mutations to produce a new gene. The most common red pigments in roses are cyanidin-3-5-diglucoside (cyanin) and cyanidin-3-glucoside. In this discussion cyanin will be used for any form of this pigment and similarly for peonin and pelargonin. Cyanin occurs in all pink or red roses either alone or in combination with peonin or pelargonin or rarely both. Cyanin was the only red pigment in the old roses and in their ancestral species. Since pelargonin was never seen in these roses, cyanin could not have segregated to the new pigment pelargonin.

Peonin is found in many northern wild roses none of which were parents of old rose cultivars. It is common in sections *Cinnamomeae*, *Carolinae*, *Minutifoliae*, *Microphyllae* a few *Caninae* and one *Pimpinellifoliae* (*R. foetida* Austrian Copper). *R. foetida* does not seem to be a natural species. It is reported in three cultivated forms Austrian Briar, Austrian Copper and Persian Yellow none of which seed freely as wild roses must to propagate the species. All are rather unlike the other species of section *Pimpinellifoliae* suggesting that they are probably garden hybrids but from very different parents than most old roses. Austrian Briar and Persian Yellow produce no anthocyanin so their

genetic status for peonin or pelargonin is not easily determined. Other peonin bearing species *R. roxburghii* and *R. rugosa* have been used in recent rose breeding.

R. arkansana used as a source of hardiness in the Parkland roses often carries peonin. Statistical analysis of the data from color analyses of 1128 seedlings from 36 families and their parents show several interesting relationships among the three pigments. Small positive correlations between cyanin peonin, cyanin pelargonin and cyanin peonin + pelargonin indicate genes which increase or decrease production of any anthocyanin. A small negative correlation between peonin pelargonin shows that these two pigments compete in some way. The absence of strong negative correlations show that none of the three are alleles or alternates of any other. Genetic analysis are not reliable for these small families of tetraploid roses but generally seem to agree. The relationship between peonin and pelargonin seems complex indicating more than one gene is involved. Peonin often seems dominant but no true breeding line has been found in cultivation or in the three wild species in Manitoba.

Multiple genes controlling flower color in roses would be similar to that reported in sweet peas, primula, snapdragon, petunia and other flowers where several to many genes have been observed. If cyanin, peonin and pelargonin are not alleles, it should be possible for all to occur in one rose. This combination has been reported in few cultivated roses but it was observed in 94 of the 1128 seedlings above. Each of the three anthocyanins will have an allele or alternate state which increases the number of possible combinations. Most of these combinations will produce known colors but others may give new or unusual shades.

Pelargonin behaved as a recessive character; it was not found in the F1 between pelargonin and non-pelargonin roses unless the non-pelargonin parent was heterozygous but it reappeared in F2 segregates. Pelargonin x peonin gave mostly cyanin and peonin in the F1 but there were also some pelargonin seedlings. Pelargonin appeared in later generations of peonin x cyanin parents when no pelargonin parentage was known. This distribution seems impossible unless some of the genes for peonin are identical with those for pelargonin. Allowance must be made for parents carrying recessive pelargonin without our knowledge.

A search of pedigrees in Morden Roses 8 showed that 12 pelargonin roses can usually be traced back to two forms of *R. foetida* or to *R. roxburghii*. Since pelargonin is recessive, it must be inherited from both parents. Even with this restriction it is possible to trace Fire King and Little Darling to *R. foetida* yellow roses on both sides. Independence also traces to *R. foetida* on the seed parent side but the pollen grandparent Crimson Glory pedigree ends in six generations at Ophelia with a little yellow pigment. Crimson Glory is also a parent of Fashion and Vogue. Buck (verbal) says that he found pelargonin seedlings in a self-pollinated line from Crimson Glory confirming that it is heterozygous pelargonin. Four cultivars trace rather quickly to *R. roxburghii* which carries peonin. It may be significant that none traced to Austrian Briar but several to Austrian Copper and Persian Yellow.

Pelargonin was present in garden roses for many years before it became evident. The first yellow hybrid teas lacked flower quality so most crosses were with better old roses which did not segregate for pelargonin. No breeder knew or suspected that pelargonin would appear in roses so backcrosses or sib crosses to reveal it were not made. Also in small amounts it may not be seen though it can be detected by chromatography. Recent crosses between closely related roses have revealed other recessive and hidden characters and a range of new colors. Buckley has traced several of these to some of the same parents found for pelargonin.

Yes indeed our strange scarlet lady does have a dark (peonin) past. She is not the miracle of mutation but the mundane product of a mixed mating. Her grandparents were indiscrete but she and her cousins are among our most beautiful or unusual roses.

What's New In Miniature Roses?

By Anne Graber

When I was asked to write something for The Annual on the newer miniature roses, my first thought was "I'm no expert or writer." But I was delighted that The Annual will reappear in 1983 and figured I'd better do my part — so ...

In 1973, I bought fifteen minis just to try them. Of that original group, one died (Jeannie Williams), one I threw out (Little Curt), six are still on my must-have list: Baby Darling, Beauty Secret, Rosmarin, Starina, Sweet Fairy and Climbing Pink Cameo.

The last, Climbing Pink Cameo, is by far the best climber on the market. It grows under our front window. Sheltered by small evergreens and the warmth from the house, it comes through every winter with little or no protection. It is one of the first to bloom in the spring and continues blooming into November, when it is over three feet tall. Its lovely rose pink blooms still peep in my living room window when all else has succumbed to the first heavy frost. It even won a red ribbon once as a spray.

Each year, I can't resist adding a few more plants. The count is now 245 plants of 134 different varieties. Some years, I buy all the newest ones, thinking there will be an improvement. Like older and wiser rosarians have found, I discovered new is not always better. They have never improved on Starina, which Meiland introduced in 1965 nor on Magic Carrousel by Moore in 1972. There is no better deep red than Beauty Secret (Moore - 1965) — though Deep Velvet (Jolly - 1981) and Blueblood (Laver - 1982) are coming close. None are more fragrant to my nose than Sweet Fairy (de Vink - 1946).

Then I tried buying ones recommended by other Rosarians. Some were great, others that grew well in the U.S. or England were a disappointment here. So I decided the answer was to see them in other people's gardens, but only a few people grew minis in Ontario. There are none in most public gardens, even the A.R.S. only recently established Miniature Test Gardens in Shreveport, Louisiana, Whittier, California and Toledo, Ohio. I might make it to Toledo yet.

Lately, I've been trying the older miniatures of Dot and de Vink from the 1940's and planting them in my new Old Rose garden. This showed me that the newer miniatures are larger plants, now have better form and a wider range of colours — no oranges or apricots in the older ones. They also have sillier names — Jelly Bean, Gumdrop, Vamp, Hotline, Giggles and Choo Choo's Baby, not to mention Big John. Many new people are into breeding miniatures and several of the well-known hybridizers are in the market as well. In the 1980's 170 new varieties are already listed in the A.R.S.'s New Roses of the World.

So, I keep on trying different ones each year and trying to write honestly and factually about them in our Claring House in the hope that if others do the same, we will all increase our knowledge. It depends what you want from your miniature plants — exhibition blooms, mass colour, cut flowers, unique specimens, history, easy care, border plants, hanging baskets. Last Christmas we visited an avid rosarian in Florida whose "miniature" plants, are four feet tall and three feet wide. They are grafted on *Rosa fortuniana* understock so that the nematodes won't kill them. They made a great show and he loved them.

So, here are my suggestions on some of the newer ones you might like to try!

The new red ones I've grown are, as already mentioned, Blueblood and Deep Velvet. Blueblood is a medium tall, vigorous healthy plant, has very full deep velvety crimson H.T. shaped blooms at first. It is profuse but not good in hot sun. Deep Velvet is a darker red, a little bigger plant with a larger bloom. It has lovely urn-shaped buds. Both last well when cut and are needed additions to the few good dark reds available for exhibition. For garden colour, Red Flush, (Schwartz - 1978, Award of Excellence - 1979) can't be beat. No mini in any colour produces more bloom on a healthier, hardier plant.

In orange-reds, Starina still remains supreme — but divide up your plants at least every five years, or they weaken and die. Heartland (Saville - 1982) and Ann Moore (named after Ralph M Moore's wife - 1981) are two new ones. They are both large plants of good form and very similar in my garden. The one I like better is Young Cale (McGredy - 1981) named after Keith and June Laver's

grandson. It is a really bright vermillion with eight frilly petals and no diseases, not exhibition but a good garden plant. Another is Chattem Centennial (Jolly - 1979) a special favourite of mine. It is a small plant, only eight inches tall and is covered in cupped shaped blooms of the brightest orange-red.

The pinks are hard to keep up with; almost half the new introductions are pink. My old stand-bys are Rosmarin (Kordes - 1965), a small plant, very profuse, pale pink with a red centre, and Judy Fischer (Moore - 1978), medium pink of perfect form. But I'm enjoying Cupcake (Mark Spies - 1981 - his first rose), compact plant with luminous pink blooms, good under lights and Choo Choo Centennial (Jolly - 1981), another good one from Jolly, profuse, lighter pink, taller to sixteen inches. Last year, I bout Baby Face (Laver - 1982) in the spring and fall it was absolutely covered with one inch shell pink blooms on a nine inch high plant. In the summer heat, it fades to white and needs to be watched for mites.

Best new pink of all, if you don't mind a three foot plant, is Pink Petticoat (Strawn - 1979). It is classed as a pink blend and was an Award of Excellence winner in 1980. It has beautiful blooms for both exhibition and cutting and lots of them. Put it at the back of your mini bed and enjoy them indoors. This year, I'm going to prune it severely and see if I can keep it from looking like a giant in Lilliput Land.

In apricots, the old stand-by was Mary Adair (Moore - 1969). My personal favourite was also hybridized by Moore, Baby Darling (1964). It is one of the very first to bloom and it always has some lovely blooms for picking. Now Holy Toledo (Christensen - 1979, Award of Excellence - 1980) has surpassed them both. It grows about sixteen inches tall, is a brilliant copper-orange of excellent form and is always in bloom. Then there is Penny Candy, Hokey Pokey and Lynn Ann (all Saville's). I'm still trying to decide about Penny Candy and Hokey Pokey. Lynn Ann looks more interesting for its changing colours from orange to pink to white. All are miniature size plants and profuse, but not exciting.

In yellows, Rise 'n' Shine (Moore - 1977) is head and shoulders above the rest. It is a cast iron plant, about twelve inches tall and it is a top exhibition variety, won the Award of Excellence in 1978. It does fade to white and ends up like a guilled star, but you can dead head it early or leave them on and it will set hips. Maybe you can raise a new seedling. Another interesting yellow of recent years is Centre Gold by Saville, but he gave it to the American Rose Foundation, or it would have been awarded the Award of Excellence in 1982. It is a smaller plant with a lovely bloom, not as profuse for me as it is reported to be, but healthy and promising. September Days (Saville - 1979) must be mentioned for those that like miniatures mini. It is only ten inches tall with three quarter inch flowers and is always covered in bloom. Mine is in a front planter that gets afternoon shade and is a joy. They say to try this one under lights.

In white's, Pacesetter (Schwartz - 1979, Award of Excellence 1981) is by far the best. It is very tall (24'') but healthy, profuse, perfectly formed blooms,, only a touch of pink at first, then pure white and a great rose for cutting.

In mauves, I haven't seen much new since Moore's Lavender Jewel (1977) and Angel Darling (1976). The first is the best for exhibition and is very profuse in the garden. Angel Darling is really too large a bloom, a semi-double with ten wavy petals, but unusual and lovely.

In blends, the colour classifications are only confusing. Party Girl, a yellow blend, (Saville - 1979, Award of Excellence - 1981) is as good an apricot as any mentioned before — top exhibition bloom, profuse and healthy in the garden. It starts out pale apricot and ends up white with a pink tinge. Fairlane, another yellow blend, (Schwartz - 1980) is more pinky-yellow at first and ends up pale pink, as does Baby Katie (Saville - 1978), but it is a pink blend. Avandel (Moore - 1977) is similar though more peachy-yellow at first and it too is a yellow blend. All are worth growing for exhibition and for garden colour. Baby Katie and Fairlane are more profuse. Watch for mildew on all but Party Girl and cover them well in winter. Fairlane is the hardiest.

Then there are the newest ones I haven't grown yet: a deep red - Red Beauty, two orange blends - Rose Window and Orange Starina, and always more pinks - Birthday Party and Charmglo. These are getting good reports and look tempting. Try a few. They are easy to grow, hardy, don't take up much space in your garden and will delight all who see them.

Climbers

By TOM GRAHAM

In considering the future of the Climbing rose in Ontario, we must first of all take a look at its recent history. The climbers have not received the same attention in the Rose family that the H.T.s and the Floribundas have known since the twenties.

The hardy American Pillar which dates back to 1902, along with Dorothy Perkins, Flower of Fairfield and American Beauty were some of the originals in the Rose catalogues. All of these bushes are quite hardy but have only one flush of bloom. In the thirties Paul's Scarlett, Paul's Lemon Pillar, Doubloons, and Blaze — a sport of Paul's Scarlett — and New Dawn arrived. The latter two were the first of the repeat bloomers. New Dawn was a very vigorous grower and repeated fairly well but the blooms were a rather insipid pink and Blaze was quite prone to winter kill unless protected. New Dawn was used extensively in hybridizing and in the forties we had Coral Dawn, Coral Satin and Don Juan — a good red though very prone to winter kill — Blossom time, Aloha, Golden Showers and Gladiator, the first of the so-called everblooming roses.

In the sixties Sympathie, Casino, Joseph's Coat, Bantry Day, Altissimo — a beautiful single red flower that is fairly hardy — and Handel which seems to be rated No. 1 in most of the Climbers ratings.

Today we have Malaga, Dublin Bay, Campassion — one of the few fragrant climbers, — White Cockade, Westerland and America, none of which appear hardy if planted in exposed areas, and Sir Wilfred Laurier a beautiful pink — though after three replacements in my garden it was abandoned.

The only new climber I have seen growing successfully in Ontario is Rosarum Uetersen. It is a very vigorous and a free growing deep pink, but the blooms seem to split into four sections which detract from it. While most of the newer introductions are not too winter hardy many rosarians are looking at some of the newer small shrub roses which are becoming plentiful on the market: Dortmund — a red with a white eye — and floribundas such as Matangi and Eye Paint to mention two that if trained will make an interesting pillar type shrub.

The Rose catalogues have fewer climbers advertised each year which suggests that the hybridizers are not concentrating on climbers the winter kill perhaps along with the amount of work necessary for their winter protection discourages the planting of more climbers.

These comments are based on suburban and country homes where the wind and cold are the major factors, however, many of the above climbers will do very well in a protected area.

Climbers have a very useful place in the rose garden and it would be great to have a breakthrough in hybridizing so that once again all we had to do was "prune back lightly".

THE DEVELOPMENT OF THE MODERN ROSE

A Dissertation for Novices

By C.D. Yeomans

There is more to rose growing than just growing roses. For example, if you join your local Rose Society, take part in its activities and work with other members, you make friends; joining your National Rose Society makes you aware that there are many societies enthusiastically promoting the growing of roses; and attending a convention of the World Federation of Rose Societies and rubbing shoulders with the great of the rose world makes you realize that there are thousands of people all over the world, besides yourself, enjoying this pleasant and relaxing hobby. Just as these experiences make you realize that you are one of many, so does a knowledge of how modern roses were developed put the modern rose in its context among the rest.

Our modern hybrid teas, floribundas and shrubs did not spring fully armed from a hilltop, but are the product of many years of tender loving hybridizing and selection. This short and sketchy dissertation is about the events which took place over many years and which ended in the production of the first hybrid tea.

In the beginning were the species roses, about 100 or 200 of them, according to different botanists. Most of them have five petals (one has four), most bloom for a short period in early or mid-summer, which is all the time that they require to set seed, which is after all, their object in life. Some are shrubs, some grow in clumps sending out runners, some are climbers. All are beautiful. All originated in the northern hemisphere. Except for the species, the oldest type of roses in cultivation in Europe and North America are the Gallicas. These are dense, twiggy shrubs with rough-looking canes and foliage. They vary in size and denseness, but a typical one would be about 8 ft. across and 5 ft. high, and, if on their own roots, will send out stolons (runners), some more than others. They are known as the Mad Gallicas because of the eccentricity of their colouring, varying from a delicate pink ('Belle Isis', 'Duchesse De Montebello') to deep-purple-and-crimson fading to dark grey ('Hippolyte', 'Charles De Mills') through red ('Sissinghurst Castle', 'Tuscany') and including striped ('G. versicolor', 'Tricolore de Flandre', 'Camaieux') and spotted ('Alain Blanchard'); and then there is the beautiful 'Belle De Crecy' (which has a sort of iridescent effect) and the dark 'Cardinal De Richelieu' whose buds look like black grapes. In between, there are numerous pink-and-whites- and magenta-pinks. Most of the ones we now grow were produced in the first half of the nineteenth century, and their names are French because at the time most of the rose nurserymen were French. But some are older, such as 'G. versicolor', also known as 'Rosamundi', which is a sport from 'R. g. officinalis', whose petals retain their scent when dried; these were used as medicine by the apothecaries of the thirteenth century. If you have a plant of 'G. versicolor', you will sometimes get a branch bearing deep pink larger flowers, a reversion to officinalis. The Gallicas are tough, hardy roses, some get mildew, and they bloom for three to four weeks in the summer in the manner of a flowering shrub.

The Damasks are another ancient type of cultivated rose; the Romans probably cultivated a variety that produced some flowers in the fall and which is still with us, *R. damascena bifera*. A form of Damask was painted on a wall in Crete 4,000 years ago. Damasks are more elegant plants than Gallicas, with smoother canes and foliage. The flowers are pink or white or pink-and-white. Among them is perhaps the most beautiful of all white roses, 'Mme. Hardy'. Other worthwhile varieties are: 'Ispahan', 'Leda', (the painted Damask) 'Hebe's Lip', 'Gloire De Guilan', 'Celsiana', 'Saint Nicholas', and 'La Ville De Bruxelles'. 'Gloire De Guilan' is one of the roses from whose petals attar of roses is distilled; so is *trigintipetalia*, another fine Damask.

The Albas are the other type of cultivated rose whose origin is a long way back. The Albas have very beautiful foliage, with a bluish tint in some varieties. The flowers are mostly a delicate pink and the bushes are about the same size as the Gallicas, although '*R. alba semiplena*' is almost a small

tree with white flowers. Unfortunately, the petals of some of the varieties are thin and rot in the heavy dews which afflict my garden. I persevered with 'Maiden's Blush' for some years, but eventually tired of its brown blooms and threw it out. I grow 'Celestial', 'Felicite Parmentier', and 'Konigen Von Danemark', which is the most beautiful of the pink roses in my garden. Albas appear in the paintings of Renaissance artists, for example Botticelli.

The Centifolias are comparative newcomers, having been developed by Dutch gardeners in the seventeenth century. You will see them, together with other roses, striped tulips, poppies, irises, carnations, beetles, butterflies and bees in those gorgeous flower paintings of the Dutch painters of the seventeenth and eighteenth centuries. The Centifolias are graceful bushes with well-filled flowers which are pink or white ('R. Centifolia', 'R. De Meaux', 'Petite De Hollande', 'Unique Blanche', 'Juno') or striped (Variegata). 'Robert Le Diable' is of a gorgeous smokey pink, but requires warm weather to show its true colors. However, one or two good blooms of its rarely perfect flowers are enough to make my day, or even my week. 'Fantin Latour' is a more modern centifolia, very beautiful, somewhat susceptible to blackspot. 'Crested Moss' (also known as 'Chapeau de Napoleon') is a sport from R. centifolia in which the sepals have decorative frills.

From the Centifolias and the Damasks sported the Moss Roses, and some of the ones we grow show Gallica influence in their colouring (e.g. 'Capitaine John Ingram', 'Mme. de la Roche Lambert', both of which have a good deal of purple in their make-up). The mosses were popular flowers in the nineteenth century and many seeds were sown and many sumptuous colours selected for introduction into commerce. Consequently, we grow today a wide colour range from deep purple, through red, pink, and white; but the most beautiful of all the mosses is still 'Common Moss' the original sport (probably from R. centifolia). There is also a little striped moss, which is one of my favourites. The quantity of the "Moss" varies from variety to variety, and in some plants, the "Moss" is brown instead of green. Some Mosses (such as 'Salet') repeat bloom.

These were the principal roses grown in the gardens of Northern Europe until the beginning of the nineteenth century; most were summer-flowering shrubs; some produced a few blooms in the fall.

Between 1792 and 1824, there arrived in Europe four China roses, and these flowered right through the summer and into the fall. It was about this time that the Chinese authorities allowed foreigners into their country, and these foreigners found these continuous blooming roses in cultivation. We do not know how or when these roses originated; it is possible that they were dwarf sports from once-blooming shrubs or climbers. When these Chinas became generally available, the nurserymen tried, by hybridizing, to raise roses of the old types which were perpetual-flowering; however, the gene for summer-flowering is dominant, so the first generation was summer-flowering. Only the second generation had some continuous flowering plants. One of the problems with the Chinas was they were not really hardy in Northern Europe; however, they could be grown outdoors in Italy, and it was from there that a hardy perpetual-blooming rose was sent to France and this rose was the ancestor of the hybrid perpetuals which were first introduced in about 1837 and which were so popular during the nineteenth century. Thousands were put into commerce. They were robust plants, but most of them did not bloom freely after summer.

In the meantime, back in the early 1800's, an American living in Charleston crossed a musk rose with a China and produced a pink climber. A Frenchman, named Noisette, living in Charleston, sowed seeds of this climber and some of the plants, being second generation, were ever-blooming. One of those plants was sent to a brother Noisette living in France, the first Noisette rose, an important rose as one of the ancestors of the modern hybrid teas. 'Allister Stella Gray' is a lovely Noisette, hardy on the B.C. coast.

In the meantime, once more, on the island of Bourbon in the Indian Ocean, Chinas had been planted in hedges with Damask roses. One day, a new kind of rose was seen growing there, which was deemed to be a cross between a Damask and a China. In 1819, this rose was sent to France, and was the ancestor of the Bourbon Roses which we grow today, and which are very beautiful, such as 'Boule de Neige' (a six-foot favourite of mine), 'Mme. Pierre Oger', 'La Reine Victoria' (blackspots dreadfully), 'Mme. Isaac Pereire' (big, fragrant flowers of a shocking pink, I love them), 'Louise

Oder' (flowers like those cloth flowers ladies wore in their hats), 'Variegata Di Bologna' (vulgar striped flowers, gets rust, blackspot and mildew, but worth growing) and 'Mme. Lauriol De Barny' (huge, intensely fragrant flowers, mildews, and is summer-flowering only, but has a forgeous name). (I once planted the hybrid perpetual 'Marchioness of Londonderry' because of its name, but it was a terrible rose and I dug it up. I have a tiny cutting of the gallica 'La Belle Sultane' struggling for existence in my garden, a beautiful rose with a beautiful name).

The Noisettes and Bourbons crossed with the Chinas produced the Tea Roses, which were tender but elegant, and continuous-flowering. The hybrid perpetuals were hardy, but not as elegant as the teas, and they were not as perpetual-flowering, some of them only produced a few blooms after the summer display. So the teas were crossed with the hybrid perpetuals, and in 1867, 'La France' was put into commerce. This was deemed to be the first hybrid tea.

Since that time, a tremendous amount of work has been done on the hybrid teas, on the production of polyanthas, floribundas, miniatures, modern shrub roses and repeat-flowering climbers, but I said at the beginning of this dissertation that I was going to show the amount of tender-loving work behind the production of the first hybrid tea, so this is where I stop.

Roses . . . The French Point of View

By Georges Delbard
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The following article recounts the reflections of Georges Delbard and his associate Andre Chabert on their research of new types of rose plants which they have found to be more floriferous and more resistant to disease and cold.

New rose varieties: Since the creation in 1954 of his rose breeding program, Georges Delbard deliberately rejected the practice of breeding and growing young plants in the greenhouse. Georges Delbard and his breeder Andre Chabert carry out this work outdoors, near Paris, in a region which is relatively cold.

Why? Georges Delbard has always believed that in addition to genetic improvements, it is indispensable that both parents and offspring undergo the harsh laws of natural selection. For 27 years, the application of this method—influence of the environment—has been a determining factor in the creation of vigorous and resistant Delbard varieties.

Under these conditions, the weakest plants are eliminated and the more robust are strengthened. The difference in vigor out of doors among young hybrids is considerable. This difference is seen immediately, whereas in the greenhouse, all the young plants appear beautiful and ... alike. That is the secret of the Delbard success as a rose breeder.

Rootstocks: Georges Delbard affirms: no contemporary nurseryman has conducted a methodical and significant research program dedicated to obtaining new hybrid rootstocks. To him, that has always seemed an aberration.

In Europe we have for several decades used *Rosa canina* pollmeriana and *Rosa multiflora* for garden roses. At the same time in Holland, *Rosa canina* inermis is used for garden and greenhouse roses, while other European countries prefer *Rosa indica* major for the greenhouse. In the United States, *Rosa* Dr Huet and *Rosa* manetti are both used for the garden varieties, and *Rosa* manetti for greenhouse varieties.

We find, therefore, old habits existing for generations, a tradition which everyone accepts for lack of something better. While progress exists everywhere, it is indeed curious to observe that in this important sector of the economy, Delbard has attempted to change the status quo.

For the last 20 years in fact, he has dedicated an important part of his work to the improvement of the quality of roses in all its forms. The creation of new hybrid rootstocks has been an important aspect of this work.

The basis for this passionate work is a unique collection of botanic roses in the Hay les Roses rose gardens near Paris. This veritable museum of the rose was established in the 19th century by Jules Gravereaux. A passionate admiror of roses, Garvereaux, who was immensely rich, gathered there rose varieties from all over the world.

As a result, the Hay les Roses encloses treasures originating from five continents, including types which have resisted rigorous winters for more than 100 years, such as the one in February 1956 when the temperature dropped to -30 degrees C (-20 degrees F) for several weeks.

Throughout the years, Georges Delbard, accompanied by his breeder Andre Chabert has made frequent visits to this rose garden to observe the comportment of the most interesting types ... a work whose end result has been to regroup selected types in Malicorne for the purpose of hybridization. It is said that "enthusiasm provokes destiny." This has proved to be true for this effort.

Georges Delbard now possesses around 20 clones selected for their intrinsic qualities after several years of experimentation by successive graftings. Numerous French and foreign visitors have come to Malicorne to witness the successful, even astonishing results, in this domain. Among these let us cite: Stanley G. Marciel, Director of Research De Vor Nurseries, Inc.; William A. Warriner, Director of Research Jackson & Perkins; Jack E. Christensen, Director of Research Armstrong Nurseries.

In this study, two basic criteria were retained:

Significant resistance to disease (all the hybrids are exempt from mildew, blackspot, etc. ...)

Strong and continuous vegetative growth (even after periods of frost) leading to abundant flowering of grafted roses.

The sempervirens types of Asian origin for the most part, *Rosa indica* major (of which one clone is particularly cold resistant) and several other types have through hybridization given surprising results.

They will permit Georges Delbard to place at the disposal of amateurs and professional rose growers, in the very near future, rose plants giving superior results, thanks to the marriage of these new rootstock hybrids with the new Delbard varieties selected for their specific qualities.

And there, in 1978, Georges Delbard terminated one line of research in the culture of roses only to begin another in a completely different direction: tissue culture.

Own Root Roses - Why?

By Mike Lowe

Why grow roses on their own roots? Aren't grafted plants better? Yes and No, it depends mainly on your climate, soil conditions and varieties of roses you are growing. Almost all the roses developed before 1850 were grown on their own roots.

First, let us consider the pre-20th Century roses i.e. (Old Garden Roses) of which 90 per cent came from France principally from Laffay, Nabonnard, Robert et Moreau, Prevost, Verdeer, Leveque, Pernet Ducher and the greatest introducer of roses, Vibert. By 1906, this firm had introduced 600 varieties and as a total these 8 nurseries had introduced 1800 roses varieties. While in England the leading nurseries of the Paul's had produced less than 200 and in all of the U.S. only 85 varieties had been introduced. As far as I can determine at this time, only Paul in England and Parson in the U.S. were grafting plants. This continued until the early 1920's when Dr. Huet became

available in the U.S. in Europe Canina and Canina Laxa were being used along with R. Odetta, Manette, Gloire des Rosomanel called Ragged Robbin. This variety was also extensively used in California and the South. It proved to be tender in the North and West, what this says is that most of the varieties developed prior to 1900 were first developed on their own roots and only sold as grafted plants where grafting on a specific understock by local nurserymen to improve the culture of varieties.

With the introduction of the Multiflora understock you now provided for the Nurserymen a vehicle that usually makes rapid growth the first season and a root system in excess of the plants' immediate requirements. This generally is the cause of the better performance of grafted plants over own root roses. Initially, because own root plants have to develop its means of support before making equal or better progress. Most of the roses (HyT, Gr, F1.) developed after 1920 were developed for use as grafted plants with little regards as how will they do on their own roots. This being incidental to their production commercially. The inverse is true as regards to Old Garden Roses. These first had proved themselves as own root plants. In fact, with the advent of total production of grafted plants a number of old garden roses were lost due to their poor performances as grafted plants. If you disregard the variables of climate and soil conditions (I know that's pretty hard to do) you will find that old garden roses as a group do as well as grafted plants after about two growing seasons. There are exceptions and variations favoring one or the other methods but this usually pertains to height and production of bloom and not to vigor.

Each of the two groups have their drawbacks. Grafted plants having four all related to climate. No. 1 grade plants in Northern climates unless planted in the fall (November) do not always have enough time to develop sufficiently to withstand the following winter. I know this seems a contradiction but the plant you receive in the fall is already dormant and is equally balanced as to root and stalk. Its root continues to develop over the winter at least establishing a partial root system by springtime. The spring planted plant is already breaking dormancy and end up using a lot of its vigor producing canes and flowers and not establishing a root system. So when the winter comes you have a large top supported by a weak root system. Own root roses just tend to sit and wait until the root system is established before they catch up with top growth.

The bud union of grafted plants must be protected in all Northern climates, the further North you go the greater the protection needed even for extremely hard varieties. Own root roses have no bud union but if you protect the canes of your grafted plants protect the canes of your own root plants.

Plants grafted on multiflora seem to do poorly in climates that have no dormant period. In fact only a few varieties are recommended for these areas. (Tea, Chinas, Noisettes, Hy musks) and these only on Fortunata or own roots. Multiflora grafted plants also tend to yield poor results in low PH soils (those in the y to 5.5. range) while those on their own roots and those grafted on R. Canina are more tolerant. This especially noticeable in the North East (acid rain?). Own root roses also have faults, mainly it takes longer for them to get established. Most of the more recent varieties and a few of the older ones do poorly under any but the best soil conditions and many of the varieties sucker profusely. What follows are the trade-offs in the manners and customs of the different classes of old shrub roses grafted versus own root plants.

Albas: hard to propagate. Once established equals or surpasses grafted plants. Only the species sucker.

Bourbons: Easily propagated. Larger varieties i.e. Louise Odier and Variegated de Bologna easily surpasses grafted plants in size and length of canes, they also repeat better. The smaller varieties Apolline and Honore de Brabant type remain more compact and again repeat better.

Centifolias: Only the species and Pompon de Bourgogne suckers. The others are comparable in both size and bloom except for Juno which grows larger and Pompon de Bourgogne which never grows more than 1 ft. tall.

Chinas: equal to or greater than grafted plants, needs time to get established. In warm climates some become enormous shrubs.

Damasks: Some suckering but not too much - Exceptions Leda, Pink Leda and Mme Hardy which must be controlled.

Eglanteria: Some suckering especially by the species but easily controlled. These generally quickly surpass grafted plants and appear to be far superior if it is size that you are looking for.

Galleias: Most sucker profusely and must be shovel pruned vigorously or they can easily get out of hand. Own root plants tend to be shorter and more spreading and their blooming cycle seems to be longer. It must be noted that most Galleias need a dormant period of 6 to 8 weeks to perform at their best. Without it, they rapidly deteriorate. Extremely hard to propagate.

Hybrid Moschatas: These do not sucker and are equal to grafted plants in every respect except for the variety Buff Beauty which tends to be smaller.

Hybrid Perpetuals: Most will with time far surpass the grafted varieties and like the Bourbons seem to repeat better as own root plants. I have always wondered what the English authors were talking about when writing "Does best as maidens" until I saw a one year row of HyP. in September with plants 2 ft. high covered with blooms.

Hybrid Rugosas: Most especially the species and near species F, sucker profusely. These definitely grow taller on grafted plants and I would suggest that the species only be bought as grafted plants as they tend to be quite unmanageable on their own roots.

Ramblers: These are the one group of plants actually designed by Horvath & Walsh to be grown on their own roots and since most have Multiflora in their background it seems superfluous to graft them. Extremely easy to propagate.

Shrubs: Most are easy to propagate. All do equally well on own roots or grafted. The norm seeming to hold grafted tall, own root shorter and more spreading. None sucker to any extent except there's always the exception, Marie Bugnet (should be classified as a Rugosa).

Large Climbers: Surprisingly very few suckers. The older varieties do better on their own roots. The difference is almost negligible. While the modern varieties especially Handel Dukat and Solo do better as grafted plants.

Mosses: Most once flowering varieties sucker profusely, are extremely hard to propagate and must be shovel pruned vigorously to keep in bounds removing all the sucker back to the shovel cut. Most of the above really do better as grafted plants exceptions being Common Moss and Louis Grimaud. The repeat flowering varieties seem to sucker very little and also repeat flowering here in N.H. is much better on own root plants. In fact, Four Seasons blanc Moisseaux only repeats on its own for me.

Noisettes: Little or no suckering when established. More than holds its own with grafted plants.

Polyanthas: Own root plants are in general smaller, in fact White Pet and Picayune are about the size of the Miniature Green Ice and Popcorn respectively although they are in my opinion much better varieties.

Ramblers: These are the one group of plants actually designed by Horvath and Walsh to be grown on their own roots and since most have multi-flora in their background it seems superfluous to graft them. Extremely easy to propagate.

Shrubs: Most are easy to propagate. All do equally well on own roots or grafted. The norm seeming to hold grafted tall, own root shorter and more spreading. None sucker to any extent except there's always the exception Marie Bugnet (should be classified as a Rugosa).

Kordesii: No suckering — own root and grafted plants are equal in most respects.

Teas: Same as Chinas.

Species: Almost all sucker profusely and are better grown as grafted plants to keep them in bounds. Own root plants should be used only if you want them to grow in natural settings. Note: R. Foetida bicolor does very poorly on its own roots except when perfect conditions prevail.

In conclusion you must choose — no variety whether grafted or own root is good for every area or circumstance. Only you know what is best for you. I only hope this helps and does not confuse.

Charles Albanel and Champlain Roses Combine Winterhardiness with Recurrent Bloom

Felicitas Svejda

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In winterhardy roses recurrent bloom is uncommon and the everblooming habit occurs even more rarely. The everblooming habit entails recurrent flowering but it is not identical with it. Everblooming roses flower continually and prolifically throughout the growing season. Recurrent roses flower intermittently and sparingly at certain times.

For an analysis of the flowering habit it is advantageous to treat the length of the flowering period and flower production as different characters. At Ottawa, we study the flowering habit during a 16-week period, from the beginning of June until the end of September. The length of the flowering period varies: certain cultivars flower 1-3 weeks, 4-6, 7-9 and others flower 10-13 weeks or longer. This shows that the classification of roses into non-recurrent and recurrent types is not always easy. An inheritance study of the flowering period indicated that roses which flower for seven weeks or longer may be considered as recurrent. In spite of the difficulties in finding the proper division, the selection of recurrent types is not difficult. Some roses are precocious, and begin to flower as soon as the young seedlings have developed 4-6 leaves. This is always an indication for a prolonged flowering period. On the other hand, the absence of precociousness is not indicative for a short flowering period, as certain types with a long flowering period begin to bloom during their second or even third year.

The length of the flowering period and flower productivity are genetically controlled. The length of the flowering period was not correlated with flower productivity. It was, therefore, concluded that each characteristic is controlled by different sets of genes. These findings provided the basis for breeding and selection.

Hardiness in roses is often associated with an internally controlled dormancy. This is the case in many hybrids of *Rosa rugosa*, where, even in an environment which favours growth, at a certain stage in the growing cycle they will drop the foliage and revert to the dormant condition, resuming growth and flowering only after a period of cold treatment. In contrast to this, certain hybrids of *R. chinensis*, from which the everblooming habit of our present garden roses was derived, are evergreen and flower continuously throughout the year, provided growing conditions are favourable. Flower production in these roses varies and at certain intervals few flowers are produced.

The Charles Albanel and Champlain roses combine winterhardiness with a long flowering period but they differ in flowering habit. Charles Albanel produces two flushes of flowers, one in June and the second in August but in the interim period and in fall, it has few or no flowers. Champlain flowers prolifically throughout the flowering period. It begins to flower 1-2 weeks later than Charles Albanel but it continues to flower until flowering is halted by frost in late fall.

Charles Albanel (Fig. 1) is a hybrid of *R. rugosa*. It is hardier than Champlain. During the 12 test years at Ottawa, Charles Albanel required no pruning of dead wood in spring. It has the remarkable resistance to both blackspot and mildew of *R. rugosa* Thunb. Charles Albanel was selected for its procumbent growth which makes it suitable as a ground cover. At Ottawa, the plant reaches a height of 0.3 m and a diameter of 1 m. The flowers are fragrant, medium red (R.H.S. Colour Chart 72B-C), 7-9 cm in diameter and have approximately 20 petals. The foliage is rugose, yellow-green (146A). The

leaflets are 7-9, 3 cm long and 1.5-2 cm. wide, and have serrate edges. The branches are prickly and bristly and have approximately 30 large prickles per 10 cm section.

Champlain (Fig. 2) is the first cultivar produced from our breeding efforts at Ottawa which is hardy and everblooming. It is not as hardy as Charles Albanel and does not have the high level of disease resistance. During the 9 test years at Ottawa, Champlain required regular pruning of dead wood in spring but it survived without protection. (In spite of protection, only the hardiest cultivars of present garden roses survive the winters at Ottawa). Ottawa is situated in plant hardiness zone 5a. Champlain survived the winters at Morden, Manitoba, in zone 3b and in the harsher climates of zone 3a at Kakabeka Falls, Ontario; Swift Current, Saskatchewan; and Brooks, Alberta. The flowers of Champlain are slightly fragrant, 1.5-6.5 cm in diameter and have approximately 30 petals. The colour is dark red, shaded. The petal tips are dark red (53A), the center is also dark red, but a lighter shade (57A) and the base is medium red (57C-D). The foliage is abundant, lustrous, dark yellow-green (147A). The leaflets are 5-7, 2.5-4 cm long, 2.5-3 cm wide, and have serrate edges. The armature of the branches is variable: the upper parts of the branches have 6 and the lower parts have approximately 30 prickles per 10 cm section. Champlain is a bush rose and reaches a height of 1 m at Ottawa.

Charles Albanel and Champlain were registered in 1982 and will be available from several Canadian nurseries in 1984.

Rose Culture in Manitoba

By B. A. Biddulph

Rose culture in Manitoba, generally follows the same basic principles used in other parts of Canada, with variations to combat the extremes of heat and cold, experienced in this area. We find, that Dr. Cynthia Westcott's "Ten Commandments of Rose Culture" makes an excellent guide to follow.

In an average year, roses come out of dormancy between April 15 and May 15, and the first flush of bloom appears about the third week in June — depending on location. The bushes continue to bloom well until mid or late October — or until there is a heavy frost. Some seed should be allowed to set after September 1, to prepare the bushes for winter.

We advise beginners of the three grades of roses, and because it is necessary to bury the bud union 2" below soil level, suggest they buy no. 1 graded roses. (Grades 1½ and 2 have longer necks, and must be buried deeper). Rose Canina rootstock, if available, is hardier in our climate, and buying from a reputable nursery means you have a replacement guarantee.

There are two schools of thought regarding waxed roses from supermarkets, but generally speaking they are not as successful as the unwaxed bushes. Our hot sun by day, melts the wax, which runs down onto the swelling leaf nodes. Then our cool nights cause the wax to harden, and often the new shoots are suffocated. Proponents of waxed bushes admit they are slower starters, but claim a better root system is formed, resulting in a superior rose the second year.

The purposes for growing roses, roughly falls into five categories: a) landscaping; b) mass-bloom effect; c) garden fragrance; d) window boxes, tubs, hanging baskets; e) exhibiting, and there are different types of roses for each category. We suggest that new rosarians decide on their purpose and proposed location, then consult the C.R.S. Clearing House for valuable information, before choosing their roses. This prevents disappointment.

Late April and early May, we experience warm winds and hot sunshine — the time when most nurseries deliver orders. Soaking the new bushes, and trenching them to their cane tips in moist earth for two or three weeks is beneficial. The canes plump up nicely, and leaf nodes have a good start before planting out.

The usual method of planting is in the upright position, but an alternative way, is placing the bushes at a 45 degree angle, bud union 2" below soil level. This is very satisfactory, as the roots are closer to the surface, and receive nutrients and moisture more readily, and the bush will grow upright in a short time.

Gardeners usually leave "slow-starters" until the end of June, before discarding them. To encourage basal breaks, one may, a) cut canes back drastically; b) expose the union to the hot sun; c) water in 2 T Epsom Salts per bush, or apply 1 oz. fish emulsion per gal. of water, at soil level.

Mulch is a must in our climate, and is applied about mid-June, before the first flush of bloom. A 2-inch covering of peat moss is the preferred medium, and since Manitoba is the third highest producer in Canada, it is readily available. Mixing the peat with equal parts of humus, manure or other organic matter, prevents crusting, and when moistened, is easier to apply.

Watering at ground or root level is preferred. Fertilizers and disease protection applied at root level in spring is very satisfactory, with no further spraying needed. Overhead watering, spraying, or foliar feeding should be done in early morning or late afternoon to avoid burning by sun's rays in day, and the need for leaves to be dry by nightfall, to prevent onslaught of blackspot, which takes only six hours to develop. Watering plants well before spraying or foliar feeding is added protection against sunburn. Where water is alkaline, 2 tablespoons of vinegar put into the water before the chemicals are added, will make the spray spread more easily on the leaves, and it won't "puddle".

There are various methods of winter protection practised, but before applying a covering, all diseased leaves are removed, and roses are pruned to about 14" in height. In large rose beds, canes of stronger bushes are tied in, to allow the dry medium to go between the plants. Ten inches of dry earth, peat, sawdust or sand is applied. Beds are surrounded by chicken wire, and dry leaves or straw added to a depth of 2' to 3'. A loose waterproof cover is put on top to shed late fall rains (Dec. 1 and 2, 1982), or early spring rains (Feb. '83). Protection is applied all at once or in stages, beginning about October 30 following a hard frost. Standards and climbers are laid down and treated the same way.

One member treats his bushes individually, and this year has inverted large white plastic pails over them. He drilled holes at intervals around the base of the sides for ventilation, and reports the plants are dry with no apparent mould, thus far.

Most of our losses occur in early spring if the canes get wet. The sun melts the snow by day (Feb. '83), the moist canes begin to swell, but the frost freezes them at night. This results in split canes, and last winter's losses were mostly attribute to this condition.

Our favourite reminders: One hour per bush, per year, is all the time necessary to grow beautiful roses. "With roses, it's not the hours you put in, but what you put into the hours".

The Ten Commandments of Rose Culture

According to Dr. Cynthia Wescott

The Ten Commandments of rose culture are tempered with common sense according to where one lives and one's experience.

1. **Locate beds properly:** 6 hours of sunshine, preferably eastern or southern exposure — away from large trees or shrubs and cement foundations. Plant by themselves or with low growing plants.

2. **Prepare soil thoroughly:** Any soil which will grow good vegetables will grow good roses. Dig to a depth of 20 inches — add one-third as much rotted manure, compost or peat moss — a little bone meal — mix well. Sharp sand added to heavy clay improves drainage.

3. **Plant carefully:** Dig hole approximately 20"x20"x20" — spread roots over mound in center — cut broken or very long roots — fill hole three-quarters full — water well — work soil in with hands — finish filling hole. Pile excess soil around rose stems. Plant 18" to 24" apart depending on size. Catalogue your roses with a diagram as to location. Bud union 2" below soil level.

4. **Prune with common sense:** Prune new roses after growth begins cutting above outward growing bud. Prune established roses, removing some old canes each year. Leave 3 to 5 canes per bush. Make cuts at a 45 degree angle, ¼" above bud eye. **Note:** The higher you prune the earlier the bloom. Remove all pruned material, dead leaves, etc. Don't remove seemingly "dead" bushes until the end of June — some are slow starters.

5. **Feed judiciously:** Established roses: feed as new growth appears, then regularly every 3 to 4 weeks until mid-August — none thereafter. Never fertilize a dry rose — roots could be burned. New roses: Feed after first flush of bloom. Organic fertilizers should be used in company with chemical ones.

6. **Water prudently:** Roses are heavy drinkers. They like to drink more than they like to eat — BUT — they don't like wet feet. (Good drainage necessary) Apply water — preferably at ground level — 1 gallon of water per plant per week, depending on conditions. Overhead watering should be in early morning or late afternoon — not in hot sun.

7. **Mulch and Relax:** Roses like cool roots. Mulch applied before first bloom discourages weeds, reduces loss of moisture, prevents soil crusting and delays infestation of Black Spot. It also protects blooms from spatter and improves the soil when worked in.

8. **Treat for disease and pests regularly:** Regular spraying every 10-12 days. Systemic chemicals are the preventive. Use spray or dust forms or apply at root level. Practice "good housekeeping".

9. **Winter protection:** Water well until freeze-up. Leave some bloom to set seed after September 1. Prune after killing frost to 12 to 18 inches. Tie canes for easier handling. Mound with dry medium (10 inches), add hay, straw or leaves to 2-3 foot depth. Apply loose waterproof cover on top only.

10. **LOVE YOUR ROSES:** A brief daily inspection familiarizes the rosarian with growth habit and intimate knowledge of individual bushes; helps to find disease before it gets a good start. Share your blooms — Spread Joy and Happiness.

The Clearing House

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For the Clearing House of the 1983 Canadian Rose Annual, 698 reports were received from 43 contributors — an encouraging increase over recent years. Of the 43 contributors, 19 were from Ontario, 8 from British Columbia, 3 from Saskatchewan, 3 from Quebec, 2 from Alberta and 2 from Manitoba, and we also had 6 contributors from the U.S.A. We hope we will receive reports from Nova Scotia, New Brunswick, Prince Edward Island and Newfoundland next year. Volunteers will be very, very welcome. Perhaps Regional Directors could persuade CRS members in their areas who are growing some of the new varieties to contribute to the Clearing House. You don't have to send a certain number of reports — one will be as welcome as a dozen if you only buy one or two new varieties a year.

We would like to take this opportunity to thank all our contributors, most sincerely, for their excellent work — the reports are clear and factual, and the personal comments are always interesting and of great value to us. Keep up the good work!

Hope everything comes up roses for you this summer.

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The following abbreviations apply throughout:

Plant - pl., year - yr., height in feet - ', height in inches - ", Hybrid Tea - H.T., Grandiflora - Gr., Floribunda - Fl., Large Flower Climber - LFC, Shrub - Sh., Miniature - Min.

Hybrid Teas

AALSMEEER GOLD, H.T. (Kordes '78). Yellow (dy), 34 petals. E. Cochran (2 pls. 4 yrs. 2-3', Cal.): Ovoid bud, medium size bloom, high centered exhibition form, quilled petals, excellent substance. Performs like Grnadiflora - large clusters or sprays. Spreading growth habit, canes need pinching. No disease but red spider loves it. H.C. Wehrfritz (4 pls. 3 yrs. 4', B.C.): Loaded with floribunda-type blooms - should be disbudded to bring out its beauty. Very good substance, touch of red on petal edges. Very good for cutting.

AMBASSADOR, H.T. (Meilland '79) (Unnamed seeding x Whisky Mac). Copper-apricot blend (o-r), 30-35 petals. A. Dyck (2 pls. 1 yr 100 cm, B.C.): Good form and substance, opens like a gardenia, dark apricot color a bit garish, average crop. There are better ones in this color range. Straight upright grower, one of the worst for mildew. M. Humenick (2 pls. 3 yrs. 3', Cal.): Good form but not dependable, great substance, soft interesting color, stingy bloomer. Rangy growth habit, dark green foliage, some mildew. E. Ouellette (1 pl. 2 yrs. 4', Que.): Exhibition form, large petals of excellent substance, lovely colour, fragrant, great lasting qualities and excellent large foliage - spectacular addition to show table and garden. Average number of blooms but continuous all season. Resistant to mildew and blackspot. Hardy with average protection. H.C. Wehrfritz (7 pls. 4 yrs. 6', B.C.): Exhibition form, very good substance, intense attractive color. Tall spreading growth habit, some mildew. Color and form compensate for extra care needed to control mildew. (Last year for reporting this rose).

ANASTASIA, H.T. (Nikolai P. Greff '80) (Sport of Pascali). White (w), 30-35 petals. E. Cochran (3 pls. 4 yrs. 6-10', Cal.): Very large, high centered exhibition blooms, heavy substance, open very slowly - one of the better exhibition beauties. Very tall sturdy grower, large dark green foliage, no disease.

ANGEL DELIGHT, H.T. (Fryers '76) (Sport of Femina). Peach shaded salmon butter yellow base, 36 petals. E. Cochran (3 pls. 4 yrs. 3-4', Cal.): Beautiful high centered exhibition bloom, very good substance, medium size. Takes time to get established - more floriferous this year. Upright growth habit, large medium green foliage, no disease. A. Dyck (1 pl. 2 yrs. 80 cm, B.C.): Very good form, o.k. substance, similar to Medallion but smaller, lots of bloom. Nice but not much glamour - not as wonderful as her name. R.H. Keith (1 pl. 2 yrs. 3-4', Ont.): Medium size bloom, very good form, good substance - a very attractive rose with an interesting colour. Very little disease. R.J. Kopecky (2 pls. 1 yr. 3', Neb.): High centered exhibition form, good substance. Blooms are all alike and could be consistent winner in HT spray class. Ample bloom, very good performance for 1st year rose - I like this one. Bushy growth habit. (Last year for reporting this rose).

ANGELIQUE (ANKORI), H.T. (Kordes '79), Vermilion/orange (o-r), 34 petals. E. Cochran (2 pls. 1 yr. 3-4', Cal.): Form only decorative so far, a little flat at times. Good substance, lovely color - stable in all weather. Upright strong grower, glossy dark green foliage, no disease. J. Ghio (1 pl. 1 yr. 2', Cal.): Smallish, full petalled bloom, wavy cupped form, good substance, nice color. Leathery foliage, some mildew. R.J. Kopecky (2 pls. 1 yr. 3½', Neb.): Sometimes exhibition but many others in this color class are too. Good substance, good producer, colorful in garden - performed well first year. Upright bushy growth habit. Wm. McMahon (1 pl. 1 yr. 5', Ky.): Perfect classical form, amazing substance. Best arranger's orange yet - long straight stems, gorgeous color, amazingly long lasting, smallish grandiflora size bloom. Tall, rather sparse growth habit, small foliage.

ARKANSAS, H.T. (Weeks '80). No reports.

AUSTROGOLD (KUNG FU), H.T. (McGredy '80). Yellow. E. Ouellette (1 pl. 2 yrs. 2'4", Que.): Medium size bloom, high centered form, good substance, but after two years I cannot get many blooms from this bush. Still looking for a good yellow which produces flowers as well as foliage. Upright growth habit, large dark green foliage, hardy just with protection of leaves.

BELLEVUE, (JARLENA), H.T. (Poulsen '76) (Super Star x Piccadilly) x Fru Jarl . Dark yellow and apricot/edged red (pb), 23 petals. E. Cochran (2 pls. 2 yrs. 4-5', Cal.): Mostly decorative but some show blooms, very heavy substance, beautiful color combination, quite floriferous. Tall branching growth habit, dark leathery foliage, no disease. J. Ghio (1 pl. 3 yrs. 4' Cal.): Loose form, great substance but few petals, repeats fast. Nice color but doesn't hold form. No disease. M. Humenick (1 pl. 3 yrs. 3½', Cal.): Decorative form, good substance, opens fast in our heat. No disease is asset. (Last year for reporting this rose).

BENSON & HEDGES GOLD, H.T. (McGredy '79) Yellow Pages x (Arthur Bell x Cynthia Brooke). Gold/scarlet edges (yb), 30-35 petals. A Rendle (1 pl. 2 yrs. 2½', B.C.): Medium size bloom, cupped form, good substance, fragrant. Unusual striking colour but not enough blooms. Upright growth habit, leathery foliage, disease free.

BIMBORO, H.T. (Kordes '78) (Unnamed seedling x Kardinal). Dark velvety red (dr). M. Cadsby (1 pl. 1 yr. short, Ont.): High centered form, very good substance. Only bloom at end of season - quite attractive - reserve judgment until 2nd year. Spreading growth habit. A. Dyck (3 pls. 1 yr. 60 cm, B.C.): Smallish flat bloom, perfect like a paper flower, most beautiful color, good form and very good substance. Lots of bloom. Bushy bedding rose but worst mildew in my garden. J. Ghio (1 pl. 3 yrs. 2½', Cal.): Messy form - lots of petals but usually quartered, great substance. I love the color. Semi-tall growth habit, bronzy foliage, fairly disease free. M. Humenick (1 pl. 3 yrs. 2'6", Cal.): Decorative form, good substance, O.K. for landscape use - very short growth habit. If I need more space it will be the first to go.

BING CROSBY, H.T. (Weeks '80) Vivid orange (o-r). A. Dyck (1 pl. 1 yr. 100 cm, B.C.): Form is not attractive and substance not good. Comes in flushes up to 36 at once - good garden rose. Healthiest and biggest 'tree' in my garden, and blooms are o.k. from a distance.. J. Ghio (1 pl. 2 yrs. 3', Xal.): Lots of petals but centres often confused, o.k. substance, repeats well, color good on opening but ages unpleasantly. Semi spreading growth habit, mid-green foliage, mildews. M. Humenick (2 pls. 3 yrs. 4', Cal.): Exhibition and decorative form - improves in cool weather, good substance, rather stingy bloomer. Large foliage, no disease. T. James (1 pl. 2 yrs. 46" B.C.): 3½-4" blooms, poor form, good substance, slight fragrance, last quite well and stand up to rain well. Quite vigorous growth habit, slight mildew. I do not find colour very attractive. M.D. Kirkland (1 pl. 2 yrs. 3½', Ont.): Medium size blooms with blackish edges. Strong grower, good foliage, no disease. Only fair success - will keep one more year. K. Mychaluk (1 pl. 2 yrs. med., Alta.): Winterkilled.

BLACK LADY, H.T. (Tantau '76). No reports. (Last year for reporting this rose).

BLUE PARFUM, H.T. (Tantau '78). Mauve (m). J. Ghio (1 pl. 1 yr. 2', Cal.): Cupped form, average substance, repeats fast, good color. S spreading growth habit, light green foliage, mildews badly.

BRANDY, H.T. (H. Swim '82) (First Prize x Golden Wave). AARS '82. Golden apricot (ab), 25-30 petals. E. Cochran (4 pls. 4 yrs. 5½', Cal.): Exhibition form, excellent substance, non-fading color one of the best in apricot blend class. Spicy fragrance, very floriferous. Healthy vigorous plant, well foliated, no disease. Many basal breaks. J. Ghio (1 pl. 1 yr. 2', Cal.): Exhibition form, big petals, large bloom, o.k. substance, great color - time will tell how good or bad it is. Spreading growth habit, some mildew. A. Graber (1 pl. 1 yr. 4½', B.C.): Decorative form, very good substance, 5" blooms in singles or 3's, hold well, spicy fragrance. Love the colour! Vigorous grower, no disease. MV

Hemenick (2 pls. 2 yrs. 3', Cal.): Exhibition form (took King of Show last fall), great substance, rarely requires disbudding. Sturdy dense bush, no disease. T. James (1 pl. 1 yr. 33'', B.C.): Attractive bronze yellow 4-5½'' bloom, good form and substance, slight fragrance, lasts quite well and stands up to rain but fades as it ages. Looking for more vigour and more blooms in second season. Slight mildew. M.D. Kirkland (1 pl. 1 yr. 3', Ont.): Good form, opens to pretty bloom like parent, Angel Wings, a very nice new variety - would strongly recommend. Medium grower, very good disease-free foliage. J. McKenzie (5 pls. 1 yr. 3', Ont.): Very large bloom, very good substance, long lasting, 1 to a stem. Love its colour - an eye catcher. On scale of 1-10, would give it an 8. Slow grower, large disease-resistant foliage. A. Meiklejohn (2 pls. 1 yr. 2½', Ont.): Lovely bud form, not many petals, shows stamens when fully open, fair substance, mild fragrance. Gorgeous colour - darker version of Just Joey. No disease. K.C. Mychaluk (1 pl. 1 yr. med., Alta.): Nice bloom, good form and substance but can't get very enthusiastic about it. Good growth habit, healthy foliage. H.C. Wehrfritz (1 pl. 1 yr. 4', B.C.): Large petals but only 22 of them. Its health and its non-fading color will make this cultivar one of the top roses in its color range - will increase. Upright grower.

CAMARA, H.T. (Delbard '81 - not registered under this name). Orange/mulberry. M. Baillie (1 pl. 1 yr. 24'', Ont.): Full-petalled exhibition form, good substance. Colour is great but blackspots badly and slow to repeat. Bronze green foliage. M. Cadsby (1 pl. 2 yrs. 12'', Ont.): Very attractive color - stands out in garden, slow to repeat. Spreading growth habit. A. Meiklejohn (2 pls. 2 yrs. 3½', Ont.): Large bloom, orange red petals shade to black at edges, many exhibition quality, good substance - a beautiful rose. Tall slim growth habit, slight blackspot. Repeats well. Hardiness is good.

CANDLELIGHT, H.T. (Christensen & Swim '82) (Grenada x Graden Party) x (Bewitched x King's Ransom). Deep yellow/pink, 28-33 petals. E. Cochran (2 pls. 1 yr. 4', Cal.): Large blooms, petals tinged orange, decorative form, good substance, very floriferous, spicy fragrance. Bloom are beautiful half open but lose form quickly. No disease. M. Humenick (2 pls. 1 yr. 3', Cal.): Exhibition blooms with great substance, non-fading color but opens a trifle fast. Expect some show quality next year. Erect growth habit, some mildew, wide dark green foliage.

CAPTAIN HARRY STEBBINGS, H.T. (Stebbing's '80). Deep pink (dp), 35-50 petals. E. Cochran (2 pls. 2 yrs. 5-6', Cal.): High centered exhibition blooms, excellent substance, large size on long strong stems, last for days as cut flower, non-fading color, fragrant. One of the best deep pink for exhibiting. Tall, semi-spreading growth habit, dark green leathery foliage, no disease. Wm. McMahon (1 pl. 1 yr. 4', Ky.): The sharp center, strong stems and large bloom size make this a good companion show rose for Peter Frankenfeld. Has been a big sparse so far.

CARAMEL CREAM, H.T. (Weeks '81). No reports.

CHAMPION, H.T. (Fryers '76) (Grandpa Dickson x Whisky Mac). Cream and gold flushed pink and crimson (yb), 50-55 petals. R. Bryant (1 pl. 2 yrs. 4', Ont.): Large bloom, loose form but exhibition quality if cut early about 1/3 open and refrigerated. Balls in wet weather. Fruity fragrance, different colour. Outstanding, disease-free foliage. Hardiness - good. E. Cochran (2 pls. 3 yrs. 3', Cal.): Huge thick buds open slowly to high centered exhibition bloom - spectacular if weather is right but balls in wet weather. Stems are rather slender for large blooms - need support for show purposes but good for English box class. Disease-resistant. A. Dyck (2 pls. 1 yr. 50 cm, B.C.): Form is good in Spring but later blooms are like tight balls - can be beautiful at times but I'm not too impressed. Bushy growth habit, blackspots. M. Humenick (1 pl. 1 yr. 3', Cal.): Large bloom, exhibition form, great substance. Erect grower but hard to get going - only a few canes after a full year. R.H. Keith (1 pl. 2 yrs. 3-3½', Ont.): Very large, full bloom, occasionally very good form, fair substance. Poor in damp weather - possibly a case of having too many petals. No disease. R.J. Kopecky (3 pls. 1-3 yrs. 2½', Neb.): Exhibition form until almost ¾ open, then shows split centres. Outstanding color combination and lasting qualities make it excellent for arranging. Sprawling growth habit, no disease. Excellent for

hardiness. R. Pauer (1 pl. 3 yrs. 3', Ont.): Large bloom, good form and substance, similar to Peace but not so prolific. Almost winter killed last year - may lose it. No disease. C.D. Yeomans (1 pl. 2 yrs. 31'', B.C.): Healthy, sprawls a bit, but a great exhibition rose and asurprisingly good garden rose. Will get more. (Last year for reporting this rose).

CHANTILLY LACE, H.T. (Paul de Vor '78). No reports.

CHIVALRY, H.T. (McGredy '77) (Peer Gynt x Brasilia). Chinese red/old ivory (rb), 35-40 petals. A. Dyck (3 pls. 2 yrs. 150 cm, B.C.): Pretty colour but not for exhibition. Excellent for border, never without blooms - visitors like this one best. Very tall grower, beautiful foliage, no disease. C. Finch (2 pls. 2 yrs. 4', Ont.): Cup shape form, good substance, beautiful colour, slow repeater but blooms are worth waiting for. Tall vigorous growth habit, dark green, glossy foliage, no disease. Hardy with protection. M Humenick (1 pl. 2 yrs. 4', Cal.): Some exhibition blooms but mostly decorative, good substance, good color and lots of petals. Puts its energy into growing - forgets to bloom. Very wide grower - 4 ft. square, no disease. R.H. Keith (1 pl. 2 yrs. 3-4', Ont.): Quite a large flower with generally good form. Beautiful foliage, made very good growth this year, very little disease. K. Mychaluk (1 pl. 1 yr. tall, Alta.): Winter-killed. M. Stockdale (4 pls. 2 yrs. 5', B.C.): Large, stiff petalled bloom, globular to pointed form, spectacular colour - look forward one day to a pure bowl on the rose - it will stop traffic. Excellent growth habit, no disease. C.D. Yeomans (1 pl. 3 yrs. 5', B.C.): Attractive informal bloom on a healthy plant but could bloom more. (Last year for reporting this rose).

CLIVIA, H.T. (Kordes '79). Vermilion (o-r), 46 petals. .E. Cochran (2 pls. 2 yrs. 4', Cal.): Medium size bloom, sometimes exhibition form, only fair substance. Color and keeping quality are outstanding - arrangers love it. No disease. C. Finch (1 pl. 2 yrs. 3', Ont.): Exhibition form, good substance, attractive colouring, above average frangrance, holds well. Sparse bloomer but worth waiting for. No disease. Hardiness is good, so far. R.J. Kopecky (2 pls. 1 yr. 3', Neb.): High centered exhibition form, very good substance - blooms this fall outstanding. Needs another year's growth but very promising. No disease. H.C. Wehrfritz (1 pl. 1 yr. 4', B.C.): Long lasting bloom, urn shaped, very good substance very slow to open, long stems. Will wait and see.

CURTAIN CALL, H.T. (Weeks '77). No reports.

DEEP SECRET (MILDRED SCHEEL), H.T. (Tantau '77). Deep Crimson (dr), 40 petals. A Dyck (1 pl. 2 yrs. 55cm, B.C.): Smallish bloom, sometimes exhibition form, good substance, fine fragrance, produces well - had a dozen roses for Thanksgiving, but only an average red rose. Medium size bushy grower, good healthy foliage.

DISCO, H.T. (Weeks '80). Cerise red/lighter reverse (rb). M. Humenick (2 pls. 2 yrs. 4', Cal.): Bloom is an eye-catcher - show quality, excellent substance but not enough blooms. Erect growth habit, dark green disease-free foliage.

DR. JOHN SNOW, H.T. (Gandy '79) (Helen Traubel x seedling). Creamy white (w), 35 petals. Wm. McMahon (2 pls. 1 yr. 5', Ky.): Full, well formed bloom but most blooms have split centres, poor substance. Need bloom protectors to have show quality blooms, and hard to get straight stems. Very vigorous growth habit, free bloomer. H.C. Wehrfritz (1 pl. 1 yr. 4', B.C.): Good oval form, medium substance, continuous bloomer, fragrant, but it balls. Has potential - will move to sunny protected location to reduce balling. No disease.

DUTCH GOLD, H.T. (Wisbech Plant Co. '78) (Peer Gynt x Whisky Mac). Deep golden yellow (my), 32-34 petals. J. Ghio (1 pl. 3 yrs. 4', Cal.): Cupped form with lots f petals , average substance, really too tall for size of bloom. Average repeat. Dark green foliage, mildews. C.D. Yeomans (1 pl. 2 yrs. 5', B.C.): Healthy, informal bloom of beautiful colour. Very few blooms this year.

ESMERALDA, H.T. (Kordes '80) (Seedling x Red Planet). Cerise red/carmine, 32 petals. E. Cochran (3 pls. 2 yrs. 4', Cal.): Silver pink buds open to watermelon pink blooms of great form and substance - a beautiful rose in all respects. Takes time to get established but worth all the trouble - visitors are very impressed. Bushy upright growth habit, dark leathery disease-resistant foliage. H.C. Wehrfritz (2 pls. 1 yr. 4', B.C.): Classical form, excellent substance, attractive color, long lasting - very promising cultivar.

FASCINATION, H.T. (Warriner '80) (Unnamed seedling x Spellbinder). Pink/cream blend (pb), 50-60 petals. J. Ghio (1 pl. 3 yrs. 3', Cal.): Form can be exhibition quality, average substance, large melon-tone pink bloom - a bit different. Average repeat. Large foliage, some mildew. M. Humenick (3 pls. 2 yrs. 3-4', Cal.): Bloom holds exhibition form and color very well, great substance. Similar to Color Magic but more subdued coloration. Erect growth habit, no disease. M. Stockdale (2 pls. 1 yr. 3', B.C.): Exhibition type, many petalled, good form, very good substance. Well rounded bush, very good foliage, no disease. We'll try it another year - nice bloom and healthy bush.

FLAMING BEAUTY, H.T. (Winchel '78) (First Prize x Piccadilly). Yellow and red/orange (rb), 35 petals. M. Humenick (1 pl. 2 yrs. 2½', Cal.): Mostly decorative form, can be show calibre in cool weather, great substance. I'm getting a ho-hum attitude about these weird color combinations. Low grower, leathery foliage, no disease.

FLAMINGO, H.T. (Kordes '78). Shell pink (lp), 28 petals. E. Cochran (2 pls. 2 yrs. 4½', Cal.): Urn shaped buds, high centered exhibition bloom, true flamingo coloring. Small bloom but very floriferous, one to a stem, light fragrance. Bushy upright growth habit, dark semi-glossy foliage, slight mildew. J. Ghio (1 pl. 1 yr. 3', Cal.): Small bloom with few petals, exhibition form, fine substance, lovely color and lots of bloom but too much mildew. Tall growth habit.

FOLKLORE, H.T. (Kordes '77) (Duftwolke x seedling). Coral orange/gold reverse, 70 petals. B. Douglas (1 pl. 3 yrs. 3'6", B.C.): High centered exhibition form, good substance, beautiful rose but wish it would break more from base. Tall upright grower, healthy foliage. R.J. Kopecky (1 pl. 3 yrs. 5-6', Neb.): Outstanding exhibition form, very good substance, an excellent rose - should be more widely distributed. Upright grower, no disease, hardy. A Rendle (1 pl. 1 yr. 2'6", B.C.): Classic high centered form, excellent substance, mostly single blooms, long lasting, high rating for exhibition. Glossy disease free foliage. H.C. Wehrfritz (3 pls. 5 yrs. 6', B.C.): Oval form, exhibition quality, never confused centres, blooms continuously - a good rose. Some mildew. (Last year for reporting this rose).

FORTUNA, H.T. (Kordes '77). Coral salmon. E. Cochran (2 pls. 3 yrs. 4½', Cal.): Long conical buds open very slowly to beautiful exhibition bloom, fair substance. Arrangers love the color and lasting qualities. Intermittent bloomer. Upright bushy growth habit, mildews easily. M. Humenick (1 pl. 2 yrs. 3', Cal.): Exhibition form, excellent substance, great color, holds well when cut. Upright grower, dark green disease-free foliage. Wm. McMahon (3 pls. 2 yrs. 3', Ky.): Classical form with very high center, excellent substance, radiant hue - a really fine orange show rose, long lasting. Sparse bloomer and slow grower, disease-resistant. J. Packard (2 pls. 3 yrs. 2½', Cal.): An interesting rose - may appeal more to the ladies. Best used as a cutting rose and for arrangements. (Last year for reporting this rose).

FRIENDSHIP, H.T. (Lindquist '78) (Fragrant Cloud x Miss All-American Beauty). Deep coral-pink flushed salmon (dp), 25-30 petals. M. Cadsby (1 pl. 1 yr., Ont.): Exhibition form, excellent substance, one to a stem, fragrant - a fine new exhibition rose. Upright growth habit, no disease. E. Caldwell (1 pl. 3 yrs. 3', Ont.): Beautiful high-pointed form, good substance, very fragrant, lovely to watch as it unfolds. Not long lasting and needs more blooms. No disease. Quite hardy with protection. A. Dyck (1 pl. 3 yrs. 60 cm, B.C.): Big blooms are beautiful beyond description, wonderful form,

o.k. substance, lovely fragrance but only average crop. Friendship and Bobby Charleton are the most beautiful of the deep pinks. Disease resistant. M. Humenick (1 pl. 4 yrs. 6', Cal.): High centered exhibition bloom, good substance, but color is not clear. Very erect robust plant, no disease. R. Johnson (1 pl. 3 yrs. 42'', Que.): Somewhat loose form, good substance, petal shy - only 22, attractive color. Ample foliage, no disease. Hardy with protection. G. Shewchuk (2 pls. 4' med., Alta.): Large double exhibition bloom, good substance, very fragrant but very stingy with bloom and poor repeater - may have to discard. Hardy with good protection. (Last year for reporting this rose).

GALLIVARDA, H.T. (Kordes '77) (Koningin der Rosen x Wiener Charme). Orange and yellow (ob), 34 petals. M. Baillie (1 pl. 1 yr. 30'', Ont.): High centred bloom, good substance but not many petals. Striking but short lived in heat - best in the fall. First year looks good. Upright growth, some blackspot. L. Bouchard (1 pl. 3 yrs. 3', Que.): Very large high centered bloom, excellent substance, attractive colour, very flocciferous - never without blooms. Reddish foliage turns to green, no disease. Hardiness is fair. One of the ten best in my garden. R. Bryant (1 pl. 1 yr. 4', Ont.): Large high centered bloom, excellent substance, outstanding - attracts like a magnet. Fair number of blooms but cut early for exhibition - you will like it. No disease. Good for hardiness. C. Finch (1 pl. 2 yrs. 3', Ont.): Large high centered bloom, excellent substance, beautiful colour especially in cool weather, repeats well and holds well when cut. Strong bushy grower, no disease. J. Ghio (1 pl. 2 yrs. 4', Cal.): High centered exhibition bloom, o.k. substance, repeats well, super color in cool weather but blows fast. Mildews. R. Johnson (1 pl. 1 yr. 45'', Que.): Attractive during bud stage then blows quickly, not exhibition form, fair to good substance. Unusual erect stem structure - first blooms on candelabra stems, then tall single stems with 6-8 blooms close together at top of bush. R.H. Keith (1 pl. 2 yrs. 3-4', Ont.): Very attractive in bud but once opened it is soon gone - very short lived in our sunshine and warmth. Little if any disease. R. Kopecky (2 pls. 1 yr. 3'6'', Neb.): High centered exhibition bloom but opens very fast, fair substance, outstanding color - could be a winner if didn't open so far - fall blooms were spectacular. Satisfied with first year. G.J. Patterson (1 pl. 1 yr. 48'', Ont.): Form is good in bud but loosens as it opens - not likely an exhibition rose. Fair substance, repeats but not abundant. No disease, hardiness is o.k.

GEMMEL, H.T. (McGredy '78). Medium yellow (my). J. Ghio (1 pl. 2 yrs. 2'6'', Cal.): Cupped shape, o.k. substance, great bright color but form lacking. Short stems, repeats well. Spreading growth habit some mildew. M. Humenick (1 pl. 3 yrs. 2'6'', Cal.): Cluster blooms, loose petalled decorative form, good substance, opens fast - not a typical H.T., opinions of it are diverse. Short growth habit, no disease. E. Ouellette (1 pl. 2 yrs. 2', Que.): Nice buds open unevenly, unpredictable form, poor substance, only 4 blooms this season - nothing to write home about. Will discard this fall. Healthy plant, average for hardiness. H.C. Wehrfritz (1 pl. 1 yr. 1', B.C.): Flat confused form and only 1 bloom. My plant is no good - maybe somebody else has more luck with it. Flat form. C.D. Yeomans (1 pl. 1 yr. 3', B.C.): Beautiful healthy light green foliage, unfading yellow blooms which are shapeless - for the hybridizer?

GEMSTONE, H.T. (J&P Roses '78). No reports.

GEORGIA H.T. (Weeks '80). Peach/apricot. E. Cochran (1 pl. 1 yr. 4½', Cal.): Decorative form, many confused centers, fair substance, gorgeous color but many others are better - out it goes. Upright growth habit, no disease. J. Packard (1 pl. 2 yrs. 3', Cal.): Very beautiful bloom, good form, pretty color but not enough bloom. Worth having.

GITTE, H.T. (Kordes '78) (Fragrant Cloud x Peer Gynt) x (Dr. A.J. Verhage x Color Wonder) x Zorina . Apricot yellow (ab), 33 petals. C. Finch (1 pl. 1 yr. 2', Ont.): Small double bloom, fluffy appearance, average substance - could be a floribunda. Good fragrance, repeats well. Spreading growth habit, no disease.

GOLD 'N HONEY, H.T. (Leon '76) Helen Traubel x (unnamed seedling x Ulster Monarch) . Cornsilk/yellow and peach/edged rose (yb), 26-20 petals. M. Humenick (1 pl. 2 yrs. 3', Cal.): Exhibition bloom, sow quality form, substance is good, a little shy in production. Rangy growth habit, medium green foliage, no disease.

GOLDSMITH, H.T. (Kordes '80). Medium yellow (my), 35 petals. B. Douglas (1 pl. 1 yr. 2½', B.C.) Medium high centred bloom needs disbudding for exhibition. Good substance, opens slowly and lasts well, very clear yellow color. Upright growth habit, disease. A Dyck (1 pl. 1 yr. 80 cc, B.C.): My favorite yellow rose and the best yellow in my bed or yellow roses, excellent form, good substance, great beauty, average amount of bloom. No disease. C. Finch (1 pl. 1 yr. 3', Ont.): High centred exhibition form, good substance, many blooms at one time - a winner and an eye catcher. Some fragrance, repeats well, and a find for flower arrangers. Strong grower, glossy foliage, no disease. J. Ghio (1 pl. 3 yrs. 3', Cal.): Long stemmed blooms, exhibition form, great substance, repeats well - a fine light yellow. Some mildew. M. Hemecick (1 pl. 2 yrs. 3', Cal.): Decorative forms, open rapidly in this hot climate, good substance. Compact growth habit, no disease. J. Persad (1 pl. 1 yr. 6', Man.): Large, double urn-shaped blooms - good exhibition rose - holds well and doesn't fade as it opens, fragrant. Some on long stems but some in clusters on short stems. Some blackspot and rust. H.C. Wehrfritz (2 pls. 1 yr. 3', B.C.): Good potential as a yellow H.T., non-fading.

GREAT CENTURY, H.T. (Delbard '80 - not registered under this name). White opening to rose. M. Baillie (1 pl. 2 yrs. 26'', Ont.): Classical high-centred form, good substance but not many petals, some fragrance. Certainly one of my favourites - colouring is a delight. Spots a bit in rain. Seems disease free. A. Meiklejohn (3 pls. 2 yrs. 2', Ont.): Very large loose rose, fair form, not many petals, good substance. A beautiful rose shading from pale pink to deeper value - a flower arranger's delight. Medium growth habit, no disease, good for hardiness. H.C. Wehrfritz (6 pls. 4 yrs. 4', B.C.): Very large blooms with large petals, flat form, good substance, very fragrant. Blooms produced continuously and profusely but plant must be well established to produce large blooms. Bushy growth habit, healthy.

HALLELUJAH, H.T. (Delbard '80 - not registered under this name). Velvet red/lighter reverse. A. Meiklejohn (1 pl. 1 yr. 2½', Ont.): Fair form, good substance - will wait and see how this rose winters. Very limited growth and bloom first season - spring planting may be the fault. No disease. H.C. Wehrfritz (3 pls. 1 yr. 4', B.C.): Cuppish form - not quite exhibition quality, very good substance, non-fading, blooms one per stem. Many basal shoots, vigorous grower, no disease. Attractive blooms and plant for the garden - will increase.

HARMONIE (KORTEMBER), H.T. (Kordes '81) (Fragrant Cloud x Uwe Seeler). Salmon pink, 20 petals. E. Cochran (2 pls. 1 yr. 4', Cal.): Nice form with pointed centers and round notched petals - needs more petals for exhibition. Floriferous, fragrant, lovely color. Spreading growth habit, dark green leathery foliage, disease resistant. J. Ghio (1 pl. 1 yr. 3', Cal.): Loose form, good substance very pretty color, much bloom and repeats fast - great garden rose. Few diseases. R.J. Kopecky (2 pls. 1 yr. 3-4', Neb.): Exhibition form at times, excellent substance. Color much like Corso, Anabel, Angelique so they can interchange in arrangements. Like all Kordes roses - gave good results first year. H.C. Wehrfritz (1 pl. 1 yr. 4', B.C.): Lovely color, not very many petals, vigorous plant, no disease. Too early for value judgment.

HELMUT SCHMIDT, H.T. (Kordes '79). Yellow, 30 petals. E. Cochran (3 pls. 2 yrs. 4', Cal.): Long buds open to great high centered exhibition rose, excellent substance, intermittent bloomer so far but one of the best yellows introduced in a while. Produces short stems - basal canes must be pinched at first set of 5 leaflets at about 14" tall to produce two long stems and better blooms. Disease resistant. M. Humenick (1 pl. 2 yrs. 4', Cal.): Elegant exhibition form, petals unfurl slowly holding high point, excellent substance, long stems. Holds color and form long time on bush and when cut. Erect grower, dark leathery foliage, no disease. Wm. McMahon (2 pls. 2 yrs. 3', Ky.): Many raves about it but my bushes feature short stems and much balling of blooms - can't get excited. Blooms are smallish.

HIDALGO, H.T. (Meilland '79) (Queen Elizabeth x Karl Herbst) x (Meifiga x Paraoh) x (Meicesar x Papa Meilland). Currant red, 30 petals. J. Ghio (1 pl. 1 yr. 3', Cal.): Loose form, good substance, mini petals, nice bright color but blackish shading, repeats well. Tall grower, stems are weak, some mildew. Wm. McMahon (1 pl. 1 yr. 4', Ky.): Rich color, good form and long stems make this a satisfying new red. Has the classic form that Burgund and Bimboré do not have.

HONOR, H.T. (Warriner '80) (Unnamed seedling x unnamed seedling). White (w), 18-25 petals. Wm. Archibald (1 pl. 1 yr. 3', Sask.): Mid size to large double bloom, excellent high centred form and excellent substance - should be a good white for exhibition. Repeats well. Some mildew. K. Barkley (9 pls. 2 yrs. 5-7', B.C.): Perfect pointed bud opens to very full large symmetrical exhibition bloom but must be disbudded continually. Firm substance but petals bruise easily in rain. Lasts well as cut flower but some stems have long gaps between leaves. No disease, large dark green foliage. R. Bryant (1 pl. 2 yrs. 3', Ont.): Lovely exhibition form, average substance, pure white - a prize winner, one of the best whites. Could have more bloom. Some blackspot, quite hardy. M.A. Cadsby (3 pls. 3 yrs., Ont.): Good form and substance - best white H.T. Vigorous growth habit, no disease. E. Cochran (3 pls. 4 yrs. 5-6', Cal.): Long buds open to high centered exhibition blooms, very floriferous, long stems - good variety for cool climate. very tall grower, basal canes should form, good substance, prolific bloomer. Upright growth habit, no disease. Would make a good hedge. A. Dyck (2 pls. 1-2 yrs. 80 cm. B.C.): Average form, average substance, a perfect white flower but not too many. Very nice as a tree but can't be compared with its neighbor 'Pristine'. Foliage becomes reddish as it ages, blackspots. C. Finch (2 pls. 2 yrs. 2½', Ont.): Beautiful exhibition form, average substance, must be disbudded, sparse bloomer - not as good as Pascali. Lasts well when cut. No disease, needs good protection in winter. J. Ghio (1 pl. 3 yrs. 3', Cal.): Exhibition form, average substance, long stems. Tall growth habit, mildews. E. Hillier (1 pl. 1 yr. 3', Ont.): Good form and substance, fragrant. Potted this rose in a 5 gal. container for patio - did very well. Will put in garden this fall. No disease. M. Humenick (1 pl. 4 yrs. 5', Cal.): High centered exhibition blooms on long stems, excellent substance. Best white - equal to Mount Shasta. Has taken many blue ribbons. No disease. M.D. Kirkland (1 pl. 2 yrs. 4', Ont.): Very good form, good substance, large beautiful blooms by third year. My best white for show table, after Pascali. Very good foliage, no disease. S. Jupp (1 pl. 2 yrs. 2', Ont.): Classic form, good substance, first year satisfactory but this year all first blooming stems 'blind', second blooming small. Withholding judgment. A. Leskiw (1 pl. 2 yrs. 3'2'', Sask.): Double, high centered form, good substance but should have more petals. Sweet fragrance, sparse bloomer. Apparently requires a great amount of iron, blackspots, needs good winter protection. K. Mychaluk (1 pl. 2 yrs. tall, Alta.): Winter killed. J. Pakkard (1 pl. 2 yrs. 3', Cal.): Only average form but I hear it improves greatly with age. R. Pauer (1 pl. 2 yrs. 2½', Ont.): Large bloom but form is not good and it blows quickly. Not very many blooms. Nearly winter killed - there are better whites available - will not replace when it dies - probably next winter. A Rendle (2 pls. 2 yrs. 3', B.C.): Large double bloom, loose form, good substance, slight fragrance - not a top exhibition type. Disease free. G.W. Shewchuk (4 pls. 3 yrs. 2'6'', Alta.): Large blooms with crisp petals, exhibition form - one of the best I have grown. Large dark green glossy foliage, no disease. Hardy with proper protection. C.D. Yeomans (3 pls. 2 yrs. 5', B.C.): Big exhibition blooms on a healthy plant, repeats well.

HOT PEWTER, H.T. (Harkness '78). No reports.

HOUSTON, H.T. (Weeks '81). Yellow. J. Ghio (1 pl. 2 yrs. 3', Cal.): Full bloom, o.k. substance, form isn't always precise. Tall growth habit, defoliates somewhat, mildews. J. Packard (1 pl. 1 yr. 2'6'', Cal.): Nice long bud but only average bloom - think it needs another year. Certainly didn't look like photo in catalogue.

ISABEL CHAMPION, H.T. (Delbard '78 - not registered under this name). Red. E. Caldwell (1 pl. 1 yr. short, Ont.): Lovely red bloomm with good form but few blooms - have heard good things about this rose, hope it will improve next year. Slight mildews, bronze-green foliage. A. Guadagni (1 pl. 1 yr. 1'6", Ont.): Beautiful velvety-red color, very good form and substance but not many blooms. Very slow growth, lacked vigor - I should stick to bare root roses as I have much better success with them. Some blackspot G.J. Patterson (1 pl. 2 yrs. 42", Ont.): Good form - not tight, good substance, beautiful opening of petals. Took Queen of Show at Hamilton-Burlington Show. Dark green foliage, no disease, good growth habit, fairly good for hardiness. (Last year for reporting this rose).

IVORY TOWER, H.T. (Kordes '77) (Colour Wonder x King's Ransom). Ivory white (w), 30-40 petals. A. Dyck (1 pl. 1 yr. 60cm, B.C.): Form was not good and substance was 'nothing', some creamy spoiled blooms - did not behave like my other fine bushes. Very weak bush, heavily diseased. M. Hemenick (1 pl. 3 yrs. 6', Cal.): Exhibition bloom with show quality form, great substance, long stems, one bloom per stem. Stingy bloomer - will try to stimulate with extra nitrogen next year. R.J. Kopecky (1 pl. 3 yrs. 3', Neb.): Excellent high centered exhibition form, good substance, stands up well to rain - shake it out and show it - one of the better whites. Upright growth habit, no disease, hardiness is very good. G. Magee (2 pls. 1 yr. 40", Ont.): Exhibition form, good size, good substance - very desirable addition to the H.T.s. Not very free blooming. No disease. J. Packard (1 pl. 2 yrs. 3', Cal.): Very beautiful bloom with excellent form - I want more of this lovely rose. Easy to grow, no disease.

JENNIFER HART, H.T. (Swim & Christensen '82) (Pink Parfait x Yuletide). Blood red (dr), 40-50 petals. M. Humenick (1 pl. 1 yr. 2'6", Cal.): Exhibition form, good substance, fragrant but need to see more flowers - expect better performance next year. Upright growth habit, very dark green foliage, no disease.

JOURNEY'S END, H.T. (Gandy '78) (Doreen x Vienna Charm): Indian orange and gold (ob), 37 petals. H.C. Wehrfritz (1 pl. 1 yr. 3', B.C.): Disappointed so far in every respect.

KARMA, H.T.)McGredy '78) (John Waterer x Kalahari). Cherry red (mr), 30 petals. .L. Bouchard (1 pl. 2 yrs. 30", Que.): 4" diameter bloom, cuppish form, good substance, not too many blooms. I have both its parents and both are superior. Upright growth habit, some mildew. Needs to be well protected in winter. J. Ghio (1 pl. 4 yrs. 3', Cal.): Good form - some exhibition, good substance nice color but short stems. Repeats well. Some mildew, bronzy foliage. (Last year for reporting this rose).

KATHLEEN O'ROURKE, H.T. (Dickson '76) (Fragrant Cloud x Red Planet). Vermilion pink (or), 38 petals. E. Cochran (2 pls. 4 yrs. 4', Cal.): Exhibition form with pointed centres, good substance, brilliant orange-red color has a sheen. Very floriferous, blooms borne several to a stem, lovely fragrance - a real swinger in my garden. Semi-spreading growth habit, foliage covers plant, no disease. J. Ghio (1 pl. 2 yrs. 2¾", Cal.): Good form - some exhibition, good substance nice color but too short stems. Repeats well. Fairly disease free, mid green foliage.

KILWORTH GOLD, H.T. (Gandy '77) (Sport of Whisky Mac). Golden yellow, 28 petals. E. Hillier (1 pl. 2 yrs. 2', Ont.): Double medium size bloom, good form and substance, nice to cut for visitors and fits well in my garden. Low growth habit, no disease. Fair for hardiness.

LADY ILLIFE, H.T. (Gandy '76). No reports. (Last year for reporting this rose).

LADY ROSE, H.T. (Kordes '79). Deep vermilion (or), 42 petals. K. Barkley (1 pl. 1 yr. 3', B.C.): Pointed high centered form, excellent substance - very firm and velvety, true color from bud to full bloom, rain or shine. Holds a long time on bush or as a cut flower, repeats well. Very vigorous bushy

growth habit, large dark olive green leaves, no disease. E. Cochran (2 pls. 3 yrs. 4½-5', Cal.): Tapered buds open to beautiful exhibition blooms, excellent substance - one of the best orange reds. Has improved each year, extremely floriferous, ages well. Upright spreading growth habit, bronzy foliage, very disease resistant. J. Ghio (1 pl. 2 yrs. 3', Cal.): Double bloom, exhibition form, great substance, fast repeat and tremendous amount of bloom - a super rose. No disease. H.C. Wehrfritz (5 pls., B.C.): Classical form, excellent substance, brilliant non-fading color, productive, good for cutting. Lady Rose - Ueber Alles, the Rose of the Year in my garden. Bushy upright growth habit, reddish foliage, healthy.

LAKELAND, H.T. (Fryers '76) (Fragrant Cloud x Queen Elizabeth). Soft shell pink (1p), 36 petals. J. Ghio (1 pl. 3 yrs. 3', Cal.): High centered form, average substance, long stems - great for exhibition but inconsistent. Average repeat. Tall growth habit, mildews. R.F. Johnson (1 pl. 1yr. 36", Que.): double bloom, 55 petals, mostly exhibition form, sparse bloomer. Wouldn't call the color "soft shell pink" - could be another mislabelled rose. No disease. R.J. Kopecky (1 pl. 3 yrs. 4' Neb.): A fair to middling garden rose, good substance but not an exhibition bloom. Hardiness is very good, no disease. C.D. Yeomans (1 pl. 3 yrs. 3', B.C.): Have seen some good blooms but not on my plant. Poor grower - discarding. (Last year for reporting this rose).

LAS VEGAS, H.T. (Kordes '81). Orange red/chrome yellow reverse (ob), 25-30 petals. E. Cochran (2 pls. 1 yr. 3½-4', Cal.) Pointed centres but more decorative than exhibition, excellent substance, exciting color combination, non-fading, wet weather resistant, some fragrance. Upright spreading growth habit, large dark green semi-glossy leaves, disease-resistant. J. Ghio (1 pl. 1 yr. 3', Cal.): great color combination but loose form and few petals. Average repeat. Average for disease resistance. Wm. McMahon (1 pl. 1 yr. 5', Ky.): top form to ⅓ open, then goes fast, good substance but bloom too small and not enough petals. Sprawly grandiflora type - arrangers might like it. H.C. Wehrfritz (1 pl. 1 yr. 4', B.C.): Attractive brilliant color - super. Lacks form - potentially an excellent garden rose. No disease.

LOVERS MEETING, H.T. (Gandy '80). No reports.

MADRAS, H.T. (Warriner '80). Red blend (rb). M. Humenick (2 pls. 3 yrs. 4', Cal.): High centered exhibition form, excellent substance, great color, holds long time. Looks great as a tree rose. Dense compact growth habit, no disease. M. Stockdale (5 pls. 2 yrs. 3', B.C.): Classical form, small bloom, good substance, plenty of blooms on single stems but spots in rain. My grandmother was born there - I had to have it. I'll keep it - a pretty bloom. No disease. H.C. Wehrfritz (1 pl. 1 yr. 4', B.C.): Impressive for its first year - I will increase.

MAESTRO, H.T. (McGredy '81) [(Marlena x Evelyn Fison x Orange Sweetheart x Fruhlingsmorgen) x (Little Darling x Goldilocks x Hanburger Phoenix x Danse de Feu x John Church x Elizabeth of Glamis)]. Red blend (rb), 28 petals. E. Cochran (2 pls. 3 yrs. 4½', Cal.): Light dusty-pink with Tuscan-red border and large speckles over the inside petals. Medium size decorative bloom, good substance, slightly wavy petals. Blooms like a grandiflora, in large sprays and singly. Upright branching growth habit, medium glossy green foliage, no disease.

MANOU MEILLANT, H.T. (Meilland '79) [(Meigriso x Baronne Edmond de Rothschild) x (Ma Fille x Love Song)]. Mauve pink (m), 50 petals. J. Ghio (1 pl. 1 yr. 2', Cal.): Cupped form, good substance, repeats fast, nice color but few petals and doesn't hold form long. Completely disease free light green foliage.

MARION HARKNESS, H.T. (Harkness '79) [(Manx Queen x Prima Ballerina) x (Chanelle x Piccadilly)] x Piccadilly). Canary yellow/orange-red edge (my) 24 petals. E. Cochran (2 pls. 3 yrs. 3½', Cal.): Cupped decorative form, good substance, lovely color attracts attention - a real novelty. Blooms borne mostly three to a stem, fragrant. Bushy spreading growth habit, no disease.

MARMALADE, H.T. (Swim & Ellis '77) (Arlene Francis x Bewitched). Bright orange deep yellow reverse (ob), 30 petals. M. Humenick (1 pl. 2 yrs. 3½', Cal.): Decorative bloom, loose form, good substance, opens rapidly. Some fragrance. Erect growth habit, medium green foliage, no disease. (Last year for reporting this rose).

MARYKE KOOPMAN, H.T. (Fryers '78). Satin pink. C.D. Yeomans (1 pl. 2 yrs. 5', B.C.): Good plant, poor bloom, fleeting, not enough petals and not enough bloom.

MASCOTTE, H.T. (Meilland '78) Yellow/red edges, 40 petals. J.Persad (1 pl. 1 yr. 5½'-6', Man.): Large bloom, ovoid high centered bud, holds form well, good for exhibition if cut when buds not too far open. Long sturdy stems, beautiful colour - red edges turn pink when open. Frgrgrant, repeats well. Dark green glossy foliage, small amount of disease.

MISSISSIPPI, H.T. (Kimbrau-Walter '79). No reports.

MISTY, H.T. (Armstrong '76) (Mount Shasta x Matterhorn). Creamy white (w), 60 petals. G.W. Shewchuk (1 pl. 3 yrs. low, Alta.): Beautiful exhibition bloom, good substance, fragrant. No vigor or basal breaks - discarded this year. Hardy with my method of protection. (Last year for reporting this rose).

MME. GEORGES DELBARD, H.T. (Delbard '82). Cherry red (mr), 28 petals. A. Graber (1 pl. 1 yr. 4', Ont.): 4" bloom with large petals, exhibition form, good substance, mostly singles. Lots of bloom first season - impressed. Upright growth habit, medium green matt foliage, no disease.

MON CHERI, H.T. (Christensen '82). AARS '82. Pink/red (rb), 35 petals. E. Cochran (3 pls. 4 yrs. 4½'-5', Cal.): Exhibition bloom with high centers, wide wavy petals, excellent substance - does well in cool wet climate. Smashing color, prolific bloomer, many one to a stem, nice fragrance. Upright branching growth habit, disease-resistant. A. Dyck (1 pl. 1 yr. 60 cm., B.C.): Form o.k., average substance, pretty but nothing special. Bushy grower, average for disease. Too soon to report fully. E.Freeman (1 pl. 1 yr. 30", Ont.): 4-5" blooms, high centered form but some confused centers, some weak necks in the rain. Very good substance, profuse bloomer, repeats quickly, best performance for a newly planted bush. Gorgeous color. No disease. J. Ghio (1 pl. 1 yr. 2'6", Cal.): Exhibition form, good substance, color varies but always nice, plentiful blooms, repeats well. Spreading growth habit, some mildew. M. Humenick (3 pls. 4 yrs. 3-4', Cal.): Mostly decorative form, confused centers in cool weather, great substance, very productive - good in landscape. Slight fragrance. Rangy grower, no disease. T. James (1 pl. 1 yr. 28", B.C.): 3½-4" bloom, fair form, good substance, lasts well. Most attractive colour - red outer petals, deep pink inner and yellow centre. Repeats well - stands up to rain well. A very promising variety, on basis of first season's experience. No disease. S. Jupp (1 pl. 1 yr. 2'6", Ont.): Adequate bloom for first year, excellent form, good substance - have high expectations for this fascinating rose. Upright growth habit, no disease. A. Mieklejohn (1 pl. 1 yr. 3', Ont.): Rather flat form, good substance, many petals, but remain on bush far too long. Rather odd colour - I like it but many garden visitors disagreed. Rather sparse grower, no disease. G.W. Shewchuk (1 pl. 1 yr. medium, Blta.): Good form and substance, repeats well, spicy fragrance. Upright Growth habit, medium green foliage, no disease. M. Stockdale (1 pl. 1 yr. 3', B.C.): Good form and substance, starts red and pink but stays on and goes all red. I like it a fetching bloom. I'll try some more. Dark green foliage, no disease. H.C. Wehrfritz (1 pl. 1 yr. 4', B.C.): Super bloom. A very promising cultivar for the garden and for exhibition - will increase to 8.

NEVILLE GIBSON, H.T. (Harkness '82) Red Planet x (Carina x Pascali) . Medium pink. R. Flood (2 pls. 2 yrs. 4', Ont.): Exhibition bloom, delightful urn shaped bud opening to quality show bloom of excellent form and substance, retains form regardless of weather. Colour is pearly illusion pink - a good find for the exhibitor. Upright growth habit, strong healthy foliage, very hardy.

NORTHERN STAR, H.T. (Davis '79). No reports.

NORTHERN GOLD H.T. (Delbard '80 - no registered under this name). Yellow H.C. Wehrfritz (6 pls. 4 yrs. 5', B.C.): Large petals and blooms, very showy, color consistent, blooms could last longer. Upright grower, vigorous, no disease.

OCTOBER, H.T. (Weeks '81). Salmon orange (ob). J. Packard (1 pl. 2 yrs. 4', Cal.): Bloom is very attractive, good form, a very stunning rose - I like it. Upright growth habit, good foliage, no disease.

OPE POETSCHKE, H.T. (Dickson '76). Medium red (mr), 28 petals. A. Dyck (1 pl. 2 yrs. 60 cms., B.C.): Poor form and substance, average crop, nice fragrance. The nicest color of all "reds" in the Fall. Bushy growth habit, fine olive green foliage, no disease. M. Humenick (1 pl. 3 yrs. 5', Cal.): Decorative form, great substance, clean color, heavy producer - can usually find a bloom on this bush. Very robust growth habit, dark green foliage, no disease. (Last year for reporting this rose).

ORANGE GOLIATH, H.T. (Gandy '75) (Beaute x Serenada). Copper orange (ob), 26 petals. C. Finch (1 pl. 1 yr. 3'6", Ont.): Medium size exhibition type, good form and substance, super colour - place it to catch evening sun, some fragrance. A real Goliath - strong, healthy and tall. attractive foliage. (Last year for reporting this rose).

ORANGE MAJESTY, H.T. (McConnell, Canada '79). Bright orange. M.D. Kirkland (2 pls. 4 yrs. 5', Ont.): Much larger than Tropicana but similar - always receives ribbons at Show time. Strong grower, large leaves, no disease. Hardiness is good.

OSIRIO, H.T. (Kordes '78) (Snowfire x unnamed seedling). Red/white bicolor (rb), 50 petals. M. Baillie (1 pl. 2 yrs. 24", Ont.): Large double bloom, high centered form, good substance, fragrant. Another rose that likes the cooler weather. Has makings of a good rose - I must have a poor plant. Blackspots. Wm. McMahon (3 pls. 2 yrs. 2½', Ky.): Full sharp centred bloom of perfect classical form and superb substance. Last year I said Royal Court - this year I say Queen potential, but a reluctant grower and sparse bloomer. Low growth habit, smallish foliage. H.C. Wehrfritz (8 pls. 4 yrs. 5', B.C.): Long lasting bloom, striking color, very good substance. Plants have to be well established to supply the nourishment for this floriferous cultivar.

OVATION, H.T. (Weeks '77) (First Prize x unnamed seedling). Orange-vermilion (or), 25 petals. M. Humenick (1 pl. 4 yrs. 3½', Cal.): Exhibition form, great substance, long stems. Good show rose, but stingy bloomer - would like to see more blooms. Erect growth habit, medium green foliage, no disease.

PARADISE, H.T. (Weeks '78) (Swarthmore x unnamed variety). Silvery lavender washed pink/ruby red edges (m), 26-30 petals. R.O. Bryant (1 pl. 2 yrs. 3-4', Ont.): High centered exhibition bloom of excellent form and substance, outstanding color, nice perfume - another 'must'. Repeats well, use 3 or 4 tablespoon Epsom Salts in June and July for more basal shoots. Tall growth habit, no disease. M.A. Cadsby (3 pls. 3', Ont.): Good form and substance, attractive - different shades of mauve. An outstanding rose - highly recommended. E. Cochran (4 pls. 4 yrs. 4½-5', Cal.): Exhibition form, good substance - can be a real show stopper. Best in spring and fall for me - fog damages blooms. Unusual color varies with different climates, fragrant. Spreading growth habit, large dark green foliage, no disease. J. Ghio (1 pl. 3 yrs. 4', Cal.): Double mid-size bloom, average substance, sometimes exhibition form. Long stems, very prolific bloomer. Tall grower, mildews. M. Humenick (3 pls. 4 yrs. 4-5', Cal.): Exhibition form, great substance, seldom has clusters - no disbudding required. A lavender blend - red petal edge deepens with more sun. Erect growth habit, no disease. R.F. Johnson (1 pl. 3 yrs. 30", Que.): Medium size, double bloom, high centered exhibition form, very good substance, holds form well. Something different from all the orange roses being introduced. Would like

more bloom. bushy growth habit, not as vigorous as last year. No disease. Hardy with protection. R. Kopecky (6 pls. 2-3 yrs. 3-4', Neb.): Exhibition bloom -. excellent form and very good substance. A winner as a specimen bloom or in flower arrangements. Blooms all year long for me. No disease noted, hardiness is excellent. G.J. Patterson (1 pl. 1 yr. Ont.): Beautiful bloom, fully petalled, holds lovely rose and lavender colour well - one of the better mauves. First plant winter killed- I do not buy AARS first year - want Ontario grown plants on multiflora understock. R. Pauer (1 pl. 2 yrs. 2½', Ont.): Bloom not large but very pretty, good form and substance holds well, quite fragrant. I really like this rose - nearly winter killed but came back very well. Usually at least one flower on the plant. Going to be a good rose - would increase if I had room. Vigorous growth habit, no disease, good for hardiness. G.W. Shewchuk (3 pls. 4 yrs. med., Alta.): Exhibition form, good substance, light spicy fragrance. sparse branching and basal breaks, no disease, hardy with my method of protection. .C.D. Yeomans (1 pl. 2 yrs. 5', B.C.): Healthy, good bloom, good garden rose, may be good for exhibition.

PASADENA, H.T. (Kordes '81) (Merko x (Sweet Promise x (Maeir x Zorva))). Orange red (or). E. Cochran (2 pls. 1 yr. 4', Cal.): Long classic buds, blooms have high spiral center and reflex into lovely exhibition form. Great substance, blooms in clusters, good production. Upright growth habit, medium green leathery foliage, disease-resistant so far.

POESIE, H.T. (Jackson & Perkins '79). No reports.

POT O'GOLD, H.T. (Dickson '79). No reports.

PRESIDENT LEOPOLD SENGHOR, H.T. (Meilland '79) MEIleee x Samourai) x (MEIperator x Imperator) x (MEIfiga x Paraoh x MEIfiga x Pharaoh). Current red, 25 petals. J. Ghio (1 pl. 1 yr. 2, Cal.): Brilliant color but loose form, o.k. substance, good repeat, short stems. Spreading growth habit, dark green foliage, mildews.

PURPLE BEAUTY, H.T. (Gandy '79) (Eminence x Tyrius). Lavender (m), 30 petals. Wm. McCMahon (1 pl. 1 yr. 4', Ky.): Fine form with good center, substance not great, long stems but vulnerable to sun burn. Still, a good new lavender pink with show potential. Upright growth habit.

RED MAJESTY, H.T. (McConnell, Canada '78). No reports. (Last year for reporting this rose).

SANDRA, H.T. (Kordes '81) (Merko x Unnamed Seedling). Light pink (lp). E.. Cochran (2 pls. 1 yr 3½-4', cal.): High spiral centers, petals reflex to star form, excellent substance, blooms open slowly and hold well, excellent repeat - looks like a winner. Vigorous growth habit, upright and branching, dark green leathery foliage, disease resistant.

SAVANNAH, H.T. (Weeks '81). No reports.

STANDOUT, H.T. (Weeks '77) (Tiffany x Suspense). Red and white (rb), 40 petals. M. Humenick (2 pls. 3 yrs. 3', Cal.): Exhibition form, great substance, good color contrast, a lot like Disco. Needs to produce more bloom. Erect growth habit, medium green foliage, no disease.

SWEETHEART, H.T. (Cocker '80). No reports.

SWEET SURRENDER, H.T. (Weeks '82) (Unnamed seedling x Tiffany). Silver pink. 1983 AARS. E. Cochran (2 pls. 4 yrs. 5½', Cal.): Exhibition form at times, excellent substance borne 1 to 3 on long stems, heavenly sweet fragrance. Lovely shade of soft lavender and silver pink with lavender veining - different. Strong upright growth habit with some spreading, silver grey-green foliage, no disease. M. Humenick (1 pl. 1 yr. 2', Cal.): Good bud opens to flat saucer shape, good substance, fragrant. 1983 AARS - a mystery. Compact grower no disease.

SYLVIA, H.T. (Kordes '78). No reports.

TARANTELLA, H.T. (Kordes '80). Yellow/edges tipped red. C. Finch (1 pl. 1 yr. 3', Ont.): Urn shape form, confused centres - not an exhibition rose. Good substance, slow repeater. Upright growth habit, fair foliage, mildews. M. Humenick (1 pl. 2 yrs. 3-4', Cal.): Can have great form in spring but usually decorative form, good substance. Erect growth habit, dark green foliage, some mildew. R.J. Kopecky (2 pls. 2 yrs. 3-4', Neb.): Many petals, quartered centres like old fashioned roses - nothing good or really bad - a fair garden rose. Upright grower, no disease, hardiness is very good. H.C. Wehrfritz (1 pl. 4 yrs. 4'6'', B.C.): Cuppish form, shrub-like growth - nothing special - out it goes

TAXI, H.T. (Poulsen '78). Dark red (dr), 30-36 petals. M. Humenick (1 pl. 2 yrs. 3', Cal.): Decorative form, good substance, some blooms in cool weather are exhibition quality Could be more productive. Erect grower, no disease. H.C. Wehrfritz (1 pl. 1 yr. 3', B.C.): Average form, many small petals, keeps its color. Average in its first year except its fragrance - a strong and pleasant fragrance may secure it a place in my garden.

THE SENATOR, H.T. (Weeks '81). No reports.

TOCADE, H.T. (Meilland '76). No reports. (Last year for reporting this rose).

TRIBUTE, H.T. (Warner '83) (Unnamed seedling x unnamed seedling). Deep pink (dp), 30 petals. M. Humenick (2 pls. 1 yr. 3-4', Cal.): Exhibition form, great substance, good in cool weather but heat tends to burn petals. Erect bushy growth habit, medium green foliage, no disease.

TYNWALD, H.T. (Mattock '79) (Peer Gynt x Isis). Cream/yellow (w), 60 petals. J. Ghio (1 pl. 1 yr. 2', Cal.): Fluffy form with lots of petals, o.k. substance, but not exhibition. Some pink edges as it ages, average repeat. Spreading growth habit, light green foliage, some mildew. H.C. Wehrfritz (3 pls. 4 yrs. 5', B.C.): Ovoid form, very good substance, continuous and profuse bloomer but not for exhibition. Nobody seems to advertise this cultivar - it is my best white garden rose. Three plants, each 5 ft. tall and 3 ft. wide and full of blooms. Vigorous, productive and healthy.

VELVET HOUR, H.T. (LeGrice '78). Dark red (dr), 44 petals. J. Ghio (1 pl. 1 yr. 2', Cal.): Super exhibition form and nice velvet texture - could be a fine rose in the future. Average repeat. Spreading growth habit, bronzy foliage, mildews.

VIA MALA, H.T. (Kordes '77) (Silver Star x Peer Gynt). White (w), 28-33 petals. E. Cochran (2 pls. 4 yrs. 6-11'', Cal.): Urn shaped buds open flat but can be exhibition with its 4½'' blooms. Very tall grower - if trained as a climber it produces more blooms but much smaller. Needs lots of space but by pinching basal canes at 15'' and again at 12'' on new branchings, it can produce show size blooms. No disease. J. Ghio (1 pl. 3 yrs. 4', Cal.): Cupped form, great substance, average repeat. Almost a climber - give it room. No disease. R.H. Keith (1 pl. 2 yrs. 5-6', Ont.): Fairly good form, good substance. Would like to see more bloom production and more consistency in size and form. Very tall grower, good foliage. R.J. Kopecky (3 pls. 2-4 yrs. 4-5', Neb.): Exhibition blooms with high centers, excellent substance, long stems for cutting. Getting better with age - one of the best whites available. Excellent for hardiness. E. Ouellette (1 pl. 3 yrs. 4', Quec.): Small blooms, flat form, good substance, long lasting, fragrant. Slow to repeat and few of them. Blooms borne singly on tall rangy stems - like a giant alongside Pascali - will discard. Healthy, excellent for hardiness. R. Pauer (1 pl. 3 yrs. 6', Ont.): Small blooms of good form and substance, lasts well. This rose survives winters well but is out of place in a rose bed due to tendency to shoot up to 6' in August - will move to the shrub border. (Last year for reporting this rose).

VISION, H.T. (Poulsen '77). Salmon (dp), 25 petals. J. Ghio (1 pl. 3 yrs. 3', Cal.): High centered form, great substance, lots of bloom - a really good disease-free rose. Spreading growth habit, leathery foliage. H.C. Wehrfritz (2 pls. 4 yrs. 3'6", B.C.): Cuppish form, non-fading. Plant is loaded with flowers. Very healthy and productive -a good garden rose. Shiny foliage. (Last year for reporting this rose).

WILD HONEY, H.T. (Weeks '77). No reports. (Last year for reporting this rose).

WORLD ROSE ((Die Welt), H.T. (Kordes '76) (Seedling x Peer Gynt). Yellow orange/light red shading (ob), 25 petals. B. Douglas (2 pls. 4 yrs. 4', B.C.): Excellent H.T. form - good show bloom. Moderate amount of bloom and slow to repeat. Upright growth habit, no disease. A Dyck (4 pls. 2 yrs., B.C.): Excellent form and substance, color changes constantly depending on the weather. One of the best roses - everybody stops and admires it. Vigorous growth habit, large foliage, no disease. M. Stockdale 4 pls. 2 yrs. 5', B.C.): Classical exhibition form, good substance, but not enough blooms. This rose won every show in the west in '81. You can cut 30" stems - a true winner. I'll plant 4 more this fall. Tall growth habit, no disease. C.D. Yeomans (1 pl. 2 yrs. 3', B.C.): A great exhibition rose here but poor garden rose. Have to get more in self-defence. (Last year for reporting this rose).

YORKSHIRE BANK (True Love), H.T. (Fryers '79) (Pascali x Peer Gynt). White/sometimes cream centre (w). C. Finch 2 pls. 2 yrs. 30", Ont.): Medium size, high centred exhibition blooms, good substance repeats well. Also fine for decorative work - blooms hold well. Medium bushy growth habit, no disease with good spray program. H.C. Wehrfritz (2 pls. 1 yr. 5', B.C.): Ovoid form, some confused centres, very good substance. So far a good garden rose but not for exhibition. Always in bloom, clear white. Upright growth habit. C.D. Yeomans (1 pl. 2 yrs. 4', B.C.): Have seen it ten feet high - covered in bloom. A pleasant garden rose with medium size flowers.

Grandifloras

GOLD MEDAL, G.R. (Christensen '82) Yellow Page x (Granda x Garden Party). Deep golden yellow (dy), 35-40 petals. M. Hemenick (2 pls. 1 yr. 3-4', Cal.): Exhibition form, great substance, mostly one bloom per stem, cool weather brings out a dark petal edge. Looks like winner - a Gold Medal. Erect growth habit, medium green foliage, no disease.

LOVE, G.R. (Warriner '80) (Unnamed variety x Redgold). Bright scarlet silvery/white reverse (rb), 35 petals. Wm. Archibald (1 pl. 1 yr. 3-3½', Sask.): Large double bloom, high centered form, excellent substance. Good quality and quantity - a showy rose with lots of continuous bloom. Upright growth habit, quite large foliage, some blackspot. R. Bryant (1 pl. 2 yrs. 4', Ont.): Excellent form, good substance, borne singly and in sprays, long stems, fragrant. A prize winning exhibition rose - a must. Lovely foliage, no disease, very hardy. E. Caldwell (1 pl. 1 yr. 2', Ont.): Very symmetrical form with pointed centre, holds well, interesting colour contrast - I like this rose. No disease - able to withstand mildew that troubled its neighbors. A Dyck (2 pls. 1 yr. 70 cm. B.C.): Usually beautiful form but some confused centers, good substance, very pretty color, average crop. Small for a grandiflora but very good - visitors like it. Full Bushy growth habit, no disease. J. Ghio (1 pl. 3 yrs. 3', Cal.): Exhibition form, average substance, single stems, average repeat, color not a clean contrast. Bronzy foliage, mildews. E. Hillier (1 pl. 1 yr. 2', Ont.): Good form and substance fragrant. Potted this rose in large 6 gallon container. Won third Ribbon in CRS Summer Show in Toronto. No disease. M. Humenick (4 pls. 3 yrs. 5', Cal.): Exhibition form, great substance, good producer, many one bloom per stem and very few clusters. Ages poorly. No disease. M.D. Kirkland (1 pl. 4 yrs. 3'6", Ont.): Smallish bloom, good form, a clear cut bicolor. One of my favorite roses - a prize winner. No disease, hardiness is good. R.J. Kopecky (1 pl. 3 yrs. tree form, Neb.): High centered exhibition form, very good substance, centers sometimes split but if cut right it shows well. Bloom production increasing each year. Tree form requires ample staking. No disease, hardiness is excellent. K. Mychaluk (1 pl. 1 yr. med., Alta.): Winterkilled. J. Packard (1 pl. 1 yr. 1'6", Cal.): Discarded mine after 1 year - few blooms and not good. A. Rendle (2 pls. 2 yrs. 3½', B.C.): 3½" double bloom, exhibition form, good substance, some clusters but mostly singles, a great bloomer, color similar to Molly McGredy. Large glossy foliage, disease-free. G.W. Shewchuk (3 pls. 3 yrs. med., Alta.): Good star shaped form, good substance, holds well, repeats well, attractive and fragrant. Neat upright bush, no disease, hardy with good protection.

SHREVEPORT, Gr. (Kordes '80) (Zorina x Uwe Seeler). AARS '82. Orange blend (ob), 40-55 petals. E. Cochran (4 pls. 3 yrs. 5'6", Cal.): Medium size bloom, exhibition form, excellent substance, borne singly and in clusters, last very well on plant. Great for garden color, fragrant, performance improves with time. Upright spreading growth habit, leathery dark green foliage, no disease. J. Ghio (1 pl. 1 yr. 3', Cal.): Exhibition form, o.k. substance, slow to start blooming but good repeat, fine color - good potential. Some mildew. M. Humenick (2 pls. 2 yrs. 6', Cal.): Exhibition form, good substance, small flowers borne singly and a few in sprays, some fragrance. Growth habit a little rangy, no disease. T. James (1 pl. 1 yr. 3', B.C.): Fair form and substance, 3-5" blooms in fairly large sprays, repeats well. Color is not attractive to me. Earlier in season stems had tendency to break under weight of blooms, especially after rain - seemed to grow stronger later in season. No disease. S. Jupp (1 pl. 1 yr. 3', Ont.): 1st year's performance too sparse for fair judgement - have high hopes. Upright growth habit, disease free. M.D. Kirkland (1 pl. 1 yr. 5', Ont.): Good form and substance, a little lighter shade than Tropicana - a fairly good grandiflora. No disease, hardiness is very good. G.W. Shewchuk (1 pl. 1 yr. med., Alta.): Well formed bloom, good substance, good repeat - will get more if it does well next year. Upright growth habit, a glossy medium dark green foliage, no disease.

SUNDOWNER, GR. (McGredy '78) (Bond Street x Peer Gynt). Coral-orange (ab), 35 petals. M.A. Cadsby (1 pl. 1 yr. 3'6", Ont.): Small bloom, good H.T. form and good substance, borne singly - attractive garden display. Vigorous growth habit, coarse foliage, no disease. M. Humenick (1 pl. 5 yrs. 6', Cal.): Exhibition form, great substance, one bloom per stem but never a single bloom. Erect growth habit, no disease. R.J. Kopecky (1 pl. 3 yrs. 4', Neb.): High centered exhibition form, very good substance - a very good grandiflora. Moving to new location to improve bloom production. No disease, excellent for hardiness. E. Ouellette (1 pl. 3 yrs. 5'6", Que.): Good H.T. form, excellent substance, borne singly - no clusters, looked like a hybrid tea in 1st flush of bloom. Lasts well, some fragrance, produced well even in our cold damp August. Healthy, wintered well. G.J. Patterson (1 pl. 1 yr. 42", Ont.): Not a large bloom, fair form and substance, fragrant, not abundant bloomer. Colour is a beautiful reddish yellow sunset - becomes pinkish with age. No disease, o.k. for hardiness. B. Porter (1 pl. 3 yrs. 33", Sask.): Exhibition form, flowers in sprays but little repeat bloom. Color much richer this year - perhaps due to cooler weather, but powdery mildew was devastating to foliage - not recommended. Hardy with protection. G.W. Shewchuk (2 pls. 4 yrs. med., Alta.): Exhibition form, good substance, large double bloom, borne mainly singly, fragrant, attractive but poor bloom repeat. Fragrant. Strong growth habit with very few basal breaks, no disease, hardy with my method of planting and protection.

WHITE LIGHTNIN', Gr. (Christensen '80) (Angel Face x Misty). Clear white (w), 26-32 petals. E. Cochran (3 pls. 4 yrs. 3-4', Cal.): Medium sized exhibition bloom, excellent substance, wavy petal edges. Blooms mostly in clusters of 4-5 - very few singles. Lasts well in foggy weather, very fragrant, an intermittent bloomer. Upright spreading growth habit, diseasepresistant. M. Hemenick (1 pl. 3 yrs. 3', Cal.): Exhibition form, great substance, very clear clean white, strong perfume - great rose but not enough clusters. Compact grower, no disease. M.D. Krikland (1 pl. 1 yr. 3', Ont.): Form is only fair, fragrance is best asset. Terrible purveyor of blackspot, affects nearby roses - will discard!

Floribundas

AMY BROWN, Fl. (Harkness '79). No reports.

ANNE HARKNESS, Fl. (Harkness '79) Bobby Dazzler x (Manx Queen x Prima Ballerina) x (Chanelle x Piccadilly). Deep apricot, 28 petals. E. Cochran (2 pls. 3 yrs. 4½', Cal.): Decorative form, super excellent substance, in large trusses of 6-15 blooms, last for weeks, very floriferous, luscious color causes many comments, fruity fragrance. Vigorous plant, Irish green foliage, disease-resistant. A pleasure to grow. C.D. Yeomans (1 pl. 1 yr. 3', B.C.): Healthy and vigorous, comes into bloom late, good clusters, lovely colour.

BAD FUSSING, Fl. (Kordes '80). Scarlet, 10 petals. H.C. Wehrfritz (1 pl. 1 yr. 1'6", B.C.): Cuppish form, good substance, non fading, repeats quickly - good for the border. Upright growth habit.

BORDURE ROSE Fl. (Delbard '79 - not registered under this name). Rose/cream blend. M. Baillie (1 pl. 1 yr. 14", Ont.): Compact form, good substance, opens to semi-double 4" diameter bloom - a delightful rose. Does not repeat well and my bush suffered winter damage. No disease. H.C. Wehrfritz (3 pls. 5 yrs. 2', B.C.): Flat form, long lasting bloom, very little fading nice color. Leathery foliage enhances the bicoloured blooms - lovely as a border rose. Very healthy, bushy growth habit.

BRIGHT SMILE, Fl. (Dickson '80). Buttercup yellow. H.C. Wehrfritz (1 pl. 1 yr. 1', B.C.): Many blooms, single - very disappointed with this cultivar.

CAPTAIN COOK, Fl. (McGredy '77) (Irish Mist x Seedling). Brilliant orange-salmon (ob), 10-15 petals. M. Hemenick (1 pl. 4 yrs. 2'6", Cal.): Smallish bloom, loosely petalled, decorative form, great substance, intense color. Compact growth habit, medium green disease-free foliage. (Last year for reporting this rose).

CHERISH, Fl. (Warriner '80) Bridal Pink x Matador). Soft coral pink (mp), 35-30 petals. Wm. Archibald (1 pl. 1 yr. 2'6", Sask.): Large double bloom, exhibition form, good substance many blooms, borne continuously - I like this one. Compact growth habit, some balling of blooms. R. Bryant (1 pl. 2 yrs. 2-3', Ont.): High centered H.T. form, excellent substance, outstanding colour - a real prize winner at its best and a must for every rosarian. Compact bushy growth habit, reddish green foliage, no disease, hardy. M.A. Cadsby (1 pl. 1 yr. Ont.): Orange bloom of exhibition form, good substance. Extremely attractive bedding rose - highly recommended. E Cochran (2 pls. 5 yrs. 3', Cal.): Classic bud, exhibition form bloom, good substance borne in clusters and one to a stem - a lovely variety. Tree form is very good - better show blooms, but requires plenty of space. Red-bronze foliage, disease-resistant. J. Ghio (1 pl. 3 yrs. 2', Cal.): Bloom is large for a floribunda, exhibition form, o.k. substance, beautiful color, mostly single stems. Mildews. E. Hillier (1 pl. 1 yr. 2', Ont.):

Good form and substance, some fragrance. Potted this rose in a large 5 gallon container for the patio. Did very well - will put in garden in fall. No disease. M. Huemnicks (2 pls. 4 yrs. 2'6", Cal.): Exhibition form, great substance, holds well when cut, few sprays, fragrant - very dependable. Compact grower, no disease. K. Mychaluk (1 pl. 2 yrs. med., Alta.): Winter killed. A. Rendle (1 pl. 2 yrs. 2'6", B.C.): Short bud, 3½" diameter double bloom, opens flat, good substance. Stems too short and too weak to hold up blooms. Sprawling growth habit, some mildew. G.W. Shewchuk (2 pls. 2 yrs. med. low, Alta.): Good form and substance, large flower sprays, profuse bloomer, cinnamon fragrance. Has done very well in my garden. No disease, hardy with proper protection.

CONFETTI, FL. (Christensen '79). Orange blend (ob). E. Cochran (4 pls. 3 yrs. 5½', Cal.): Lovely bud, blooms very nice with good centres to half-open, then they flop. Best grown on a fence or trellis - more blooms and better performance. Upright spreading growth habit, no disease. M. Humenick (6 pls. 2 yrs. 2', Cal.): Decorative form, loosely petalled, good substance, color becomes redder with age, and hangs on too long. Makes a good hedge - great from a distance. Dense compact growth habit, no disease.

CONGRATULATIONS, FL. (Kordes '79). No reports.

CORONATION GOLD, FL. (Cocker '78). No reports.

DEEP PURPLE, FL. (Kordes '78) (Zorina x Silver Star). Mauve-pink (m), 30-45 petals. E. Cochran (3 pls. 4 yrs. 4', Cal.): Exhibition form, very heavy substance, borne in large sprays of 8-10 blooms, continuously, on long strong canes. Petals drop cleanly, lovely color - deep lavender with pink tinge, violet fragrance. Upright branching growth habit, disease-resistant thick foliage. J. Ghio (1 pl. 3 yrs. 3', Cal.): Double blooms, good substance, in clusters and singles, average repeat - a good mauve. Tall grower. M. Hemenick (1 pl. 3 yrs. 3', Cal.): Decorative form, good substance, very few clusters, fragrant. Dense growth habit, some mildew.

DOUBLE TALK, FL. (Weeks '81). Red/white reverse (rb). J. Ghio (1 pl. 2 yrs. 2', Cal.): Semi-double bloom, good substance, in clusters and some singles, nice color, repeats well. Low growth habit, bronzy disease-free foliage. M. Hemenick (1 pl. 2 yrs. 2', Cal.): Decorative form, good substance, good looking bud but opens fast. Great color contrast - like a small Double Delight. Dense growth habit, smallish dark green foliage, no disease.

ENGLISH MISS, FL. (Cants '77). No reports. (Last year for reporting this rose)

FAIR PLAY, FL. (Inter Plant '77). No reports.

FLEURETTE, fl. (Inter PANT '77). No reports.

FRAGRANT DELIGHT, FL. (Wisbech Plant Co. '78). No reports.

FRENCH LACE, FL. (Warriner '81). White(w), 30 petals. 1982 AARS E. Cochran (4 pls. 4 yrs. 2½-3'', Cal.): Exhibition form, good substance, pointed buds with pinkish tint, bloom has broad petals with frilly edges, last well, drop cleanly. Prolific bloomer all season. Upright branching growth habit, leathery dark green foliage right to the ground, disease-resistant. J. Ghio (1 pl. 1 yr. 2', Cal.): Exhibition form, good substance, mostly single stems, average repeat - potentially a fine rose. Compact grower, holly-like foliage, average for disease. A Graber (1 pl. 1 yr. 2½-3'', Ont.): H.T. form, excellent substance 3½'' blooms in clusters, profuse bloomer even in 1st year - best white floribunda I know. Spreading growth habit, dark green foliage, no disease. M. Humenick (3 pls. 2 yrs. 2'6'', Cal.): Exhibition form, excellent substance many clusters, lovely ivory white - pink glow in cool spring weather. A fantastic floribunda. Erect growth habit, no disease. S. Jupp (1 pl. 1 yr., Ont.): Excellent form, good substance, very pleased with first year's performance - hope for great things. Bushy growth habit, no disease. J. McKenzie (4 pls. 1 yr. 2½-3½'', Ont.): High Centered buds, terrific substance, light pinkish ivory turns pure white after 3rd day, light spicy fragrance - I just love it. Fast repeater. Neat growth habit, holly-type foliage, disease-resistant. A. Meiklejohn (1 pl. 1 yr. 3', Ont.): Nice bud form, excellent substance blooms singly and in small clusters, larger clusters late in season, lasts well when cut. Tall slim growth habit, no disease - best of all roses planted this year. K. Mychaluk (1 pl. 1 yr., Alta.): Failed to grow from Nursery. J. Packard (1 pl. 1 yr. 2', Cal.): Large petals often flushed pink in warm weather - needs time, should be good in a couple of years. No disease. G.W. Shewchuk (1 pl. 1 yr. med., Alta.): Good form and substance, long lasting, repeats

well. Will get more if it does well next year. Long stems no disease. M. Stockdale (3 pls. 1 yr. 3', B.C.): Excellent form, good substance, clusters of little H.T. blooms - lovely. Best of our 8 new roses this year - fastest grower too. No disease.

GABRIELLA, Fl. (Kordes '77). No reports. (Last year for reporting this rose).

GINA, Fl. (Kordes '77). No reports. (Last year for reporting this rose).

GOLD BUNNY, fl. (Meiland '78) Poppy Flash x (MEIridge x Allgold) .Lemon yellow, 35-40 petals. Wm. Archibald (1 pl. 1 yr. 2-3', Sask.): Large double blooms, form somewhat cupped, good substance, good repeater. Compact growth habit, good foliage, disease-resistant. A disaster year for roses in Saskatchewan - lost nearly all of them. H.C. Wehrfritz (8 pls. 4 yrs. 2', B.C.): The best yellow floribunda! I will have a border with 12 of these. This rose will be still grown in the Nineties - why did it take so long to bring it to North America. Continuously in bloom, excellent substance. Bushy growth habit, dark green foliage, no disease.

INTRUMA (INTERARA), Fl. (DeRuiter '76) Kohima x (Europeana x Kimono) . Dark red, 18 petals. M. Huemnick (2 pls. 1 yr. 2, Cal.): Nice bud, opens fast to decorative form, great substance holds color well, much bloom borne in many clusters. Compact growth habit, dark green foliage, no disease. H.C. Wehrfritz (1 pl. 1 yr. 1', B.C.): Color consistent, very productive, excellent substance very healthy - I will increase.

JAGUAR, Fl. (Spek '77). No reports.

JEAN THOMPSON HARRIS, Fl. (Cocker '76). No reports. (Last year for reporting this rose).

JUDY GARLAND, Fl. (Harkness '79). Chrome yellow/shaded orange red (rb), 60-65 petals. E. Cochran (2 pls. 4 yrs. 3½-4', Cal.): Long pointed buds, high centered exhibition blooms, very good substance, bright color combination, borne in clusters of 5-8, excellent repeat cycles. Well shaped upright plant, leathery dark green foliage, no disease.

KAPAI, Fl. (McGredy '77). (Madame Bollinger x Tombola). Orange-red (o-r), 30 petals. M. Humenick (1 pl. 3 yrs. 2'6", Cal.): Showy bloom, decorative form, good substance, good color contrast - must be of the hand-painted series. Dense growth habit, no disease. (Last year for reporting this rose).

KATHERINE LOKER, Fl. (Christensen '78) (Zorina x Golden Wave). Medium golden yellow (my), 25-30 petals. E Cochran (3 pls. 4 yrs. 3'-3'6", Cal.): HT type blooms, exhibition form, excellent substance, mostly one to a stem, some sprays, floriferous. Particularly good in tree form. Low spreading growth habit, large matt foliage, blackspot in spring. A. Dyck (1 pl. 1 yr. 60 cm., B.C.): Perfect HT form, good substance beautiful non-fading color, borne one to a stem. Mine is a patio-tree, 3 flushes of bloom, a dozen or more at a time, long lasting. Bushy, full growth habit, quite healthy. M. Humenick (2 pls. 3 yrs. 2', Cal.): Exhibition form, thick petals, many clusters. In early spring flowers are larger and branches can't hold up clusters - flop to the ground. Will try to develop heavier canes - definitely a hot weather rose. Spreading growth habit, no disease.

KEPA, Fl. (McGredy '77). Orange and white, 22 petals. C.D. Yeomans (1 pl. 1 yr. 3'6", B.C.): Healthy, blooms well in small clusters, vigorous, striking colour combination - very promising.

LAPPONIA, Fl. (Tantau '78). Salmon pink, 25 petals. H.C. Wehrfritz (2 pls. 1 yr. 1'6", B.C.): Loose cupped form, good substance, fragrant. A very attractive color plus fragrance makes it desirable for borders - I will increase. Bushy, low growth habit, light green shiny foliage, no disease.

LAVAGLUT, Fl. (Kordes '78). No reports.

MARGARET MERRIL, Fl. (Harkness '77). (Rudolph Timm x Dedication) x Pascali . Pearly blush/opens white (w), 28 petals. E. Cochran (2 pls. 3 yrs. 4'6", Cal.): Long slender buds, exhibition form, great heavy substance. Opens fast but lasts well showing long pinkish stamens. In large clusters of 5-8 and one to a stem, strong fragrance - my favorite white floribunda. Upright bushy growth habit, leathery foliage very disease resistant. B. Douglas (2 pls. 3 yrs. 66", B.C.): Double 4½" bloom, loose form, good substance very fragrant. Upright grower, no disease. C.D. Yeomans (1 pl. 3 yrs. 3', B.C.): Flowers in small clusters spoil lovely, lovely colour. Beautiful dark green foliage needs protection from blackspot - undecided about this one (Last year for reporting this rose).

MARINA, Fl. (Kordes '74) (Colour Wonder x seedling). AARS 81. Orange/yellow base. E. Cochran (½ pls. 4 yrs. 3'6", Cal.): Long pointed buds, full petalled exhibition form, excellent substance, large clusters and many one to a stem, borne on long canes - a winner. Upright growth habit, glossy leathery foliage, disease-resistant. A. Dyck (3 pls. 2, 1 yr., 60 cm., B.C.): Long in bud stage, perfect form, very good substance - very pretty flower. Bush and tree form are always laden with bloom. Upright, very bushy growth habit, no trace of disease. J. Ghio (1 pl. 3 yrs. 3', Cal.): High centred form, good substance, great color, mostly single stems, repeats well - a fine rose. Semi-tall growth habit, leathery foliage, no disease. M. Huemnick (1 pl. 2 yrs. 2', Cal.): Exhibition form, good substance, blooms rather small, some clusters. Serrated foliage is interesting and shiny, no disease. K. Mychaluk (1 pl. 1 yr., Alta.): Winter killed. G.W. Shewchuk (2 pls. 2 yrs. med., Alta.): Good form and substance, hybrid tea type, beautiful but sparse. Glossy foliage, no disease. Hardy with my method of planting and protection. (Last year for reporting this rose).

MENTO, Fl. (Dickson '78) (Bangor x Anabell). Begonia red (rb), 22 petals. C.D. Yeomans (1 pl. 2 yrs. 2'6", B.C.): Good clusters. Needs to fill out and grow. Was in a bad area for blackspot and passed with honours.

MONA LISA, Fl. (Kordes '79). Sunshine yellow/pink edge, 34 petals. B. Douglas (1 pl. 2 yrs. 3', B.C.): Single small bloom, good substance, H.T. form early in season - candelabra later on. Low growth habit, good foliage, no disease. J. Ghio (1 pl. 2 yrs. 2', Cal.): Fluffy form, average substance, few clusters, repeats well, nice color, but not enough blooms. Low growth habit, mildews. E.W. Hillier (1 pl. 2 yrs. 2', Ont.): Double bloom, good form and substance, nice garden rose, early blooms - fits in my garden. Compact grower, some blackspot. Hardiness is good. M. Huemnick (1 pl. 3 yrs. 3', Cal.): Decorative form, great substance, some sprays, lots of one one bloom per stem. Good for landscaping. Dense growth habit, no disease.

MUCHACHA, Fl. (Meilland '77). No reports. (Last year for reporting this rose).

NEW FACE, Fl. (Inter Plant '77) No reports.

NICOLA, Fl. (Gandy '81). No reports.

OVERTURE, Fl. (Gandy '81). No reports.

PILLOW TALK, Fl. (Weeks '81). Mauve (m). JV Ghio (1 pl. 2 yrs. 2', Cal.): High centered form, good substance, in clusters and some singles, repeats well. Color mixed with yellow is not pleasant. Low growing bush bronzy foliage, mildews. M. Huemnick (1 pl. 2 yrs. 2', Cal.): Decorative form, good substance, soft color that darkens with age. Spreading growth habit, no disease.

PLAYBOY (CHEERIO), Fl. (Cocker '76) City of Leeds x (Chanelle x Piccadilly) . Scarlet and gold (rb), 10 petals. E Cochran (2 pls. 1 yr. 4', Cal.): Large blooms, decorative form, excellent substance, all open at the same time, large sprays with 5-8 blooms on strong stems. Fragrant, a very flashy color combination - a real knockout. Upright growth habit, dark glossy foliage, no disease. M. Humenick (2 pls. 4 yrs. 3'6", Cal.): Decorative form, almost a single rose, great substance, always in bloom, holds well in bouquets. Great color contrast - am still very enthused about this rose. Erect growth habit, no disease. (Last year for reporting this rose).

POLYGOLD, Fl. (Tantau '79). No reports.

PRINCESS MICHAEL OF KENT, Fl. (Harkness '80). No reports.

PRISCILLA BURTON, Fl. (McGredy '78) Maxi x Evelyn Fixon x (Orange Sweetheart x Fruhlingsmorgen) x (Little Darling x Goldilocks) x (John Church x Elizabeth of Glamis) . Deep carmine/silver eye (rb), 10 petals. M. Baillie (1 pl. 3 yrs. 37", Ont.): Decorative form, good substance, one or two per stem, bloom almost 4-5" flat open, weather resistant. This rose has improved this year and repeated quite well. Very eye-catching when fully open and a winner for me. Upright growth habit, excellent foliage, some blackspot. E. Cochran (2 pls. 3 yrs. 2½-3', Cal.): Perfect bud, opens to large bloom showing lovely hand painted effect. Borne one to a stem and in sprays of 6-8, nice fragrance weatherproof. Spreading growth habit, disease-resistant. H.C. Wehrfritz (2 pls. 4 yrs. 5', B.C.): Semi-double open form, good substance, lovely color, intermittent bloomer. Vigorous, very healthy plant with attractive blooms. Reddish foliage.

REGENSBURG (YOUNG MISTRESS), Fl. (McGredy '79) (Geoff Boycott x Old Master). Pink and white hand-painted, 21 petals. M.A. Cadsby (1 pl. 3 yrs. 2', Ont.): Semi-double bloom, attractive, hangs on a little too long. Good garden rose for front of border or low hedge. Spreading growth habit, no disease. Hardiness is good, J. Ghio (1 pl. 2 yrs. 2', Cal.): Semi-double form, good substance, lots of clusters, repeats fast. A different color - pretty, like its original name "Young Mistress". Compact growth habit, no disease. M. Humenick (1 pl. 3 yrs. 2', Cal.): Decorative semi-double form, good substance, many clusters, repeats well. Compact grower, no disease. R.F. Johnson (1 pl. 1 yr. 20", Quec.): Flat cup-pish form, good substance, repeats well with sprays of 5-7 blooms. Early bloom more colorful, spent bloom doesn't drop cleanly. Compact growth habit, no disease, spindly canes, leaf out late. H.C. Wehrfritz (4 pls. 4 yrs. 1', B.C.): Flat form, average substance, an excellent border rose. Sprawling growth habit, very healthy.

ROCKY, Fl. (McGredy '79). No reports.

ROSAMUNDE, Fl. (Kordes '78). Pink (lp).M. Humenick (1 pl. 3 yrs. 2'6", Cal.): Loose petalled decorative form, good substance, good in the border. Compact grower, medium green foliage, no disease.

ROSI MITTERMAIER, Fl. (Kordes '77). Orange red (or), 25 petals. L.A. Bouchard (1 pl. 3 yrs. 2', Que.): Flat cup-shaped form, average substance, plenty of flowers in June and repeats well all summer. If I lose it, will replace. Bushy growth habit, no disease, hardy with average protection. J. Ghio (1 pl. 3 yrs. 2', Cal.): Semi-double bloom, good substance clusters well and repeats fast. Nice compact growth habit, some mildew. M. Humenick (1 pl. 3 yrs. 3', Cal.): Decorative form, great substance, opens fast but good producer and holds well in bouquets. Dense grower, medium green foliage, no disease. E Ouellette (1 pl. 3 yrs. 1'6", Que.): Decorative form, average substance, average size bright clusters, fade slightly, don't hold long on bush. The name 'Rosi' should have been given to a rosy pink color bloom. Low bushy grower, healthy, very hardy. (Last year for reporting this rose).

SIMPLICITY, Fl. (Warriner '79) (Iceberg x Unnamed cultivar). Medium pink (mp), 18-20 petals. M. Humenick (24 pls. 3 yrs. 3-4', Cal.): Decorative form, great substance, lots of bloom, many clusters, non-fading, some fragrance. Jackson & Perkins' biggest seller - good as a 'fence rose', can do well on own roots. Erect growth habit, medium green foliage, no disease.

SUE LAWLEY, Fl. (McGredy '78). Red/pink, 15-20 petals. W. Archibald (1 pl. 3 yrs. 2', Sask.): Mid size bloom, cupped form, excellent substance, good repeat - a very beautiful rose with clusters of lovely bloom. Compact growth habit, disease-resistant, survived tough winter. L.A. Bouchard (1 pl. 2 yrs. 30'', Quec.): Loose decorative form, average substance, very floriferous with blooms all summer. One of the hand painted roses - very showy colors. I like it very much - recommended. Rather thin growth, mild blackspot, fairly hardy. J.Ghio (1 pl. 1 yr. 2', Cal.): Semi-double bloom, good substance, repeats well, mostly single stems. Best contrast of 'hand-painted' series - largest bloom too. Compact growth habit, mid green foliage, no disease.

SUN FALRE, Fl. (Warriner '82) (Sunsprite x unnamed seedling). Medium yellow (my), 27-30 petals. 1983 AARS. E. Cochran (3 pls. 3 yrs. 3'6'', Cal.): Lovely long bud, decorative bloom opens rather flat but lasts well, good substance, spicy fragrance. Good for patio planting and borders - very colorful bright yellow and always in bloom. Strong bushy growth habit, no disease. M. Humenick (3 pls. 1 yr. 2', Cal.): Bud has good form but opens fast to decorative bloom, bright color, many blooms per cluster. Similar to Sunsprite but shorter plant.

SWANY, Fl. (Meilland '78). No reports. (Last year for reporting this rose).

TSCHIN-TSCHIN, Fl. (Meilland '80). Orange-red, 30 petals. H.C. Wehrfritz (3 pls. 3 yrs. 1½', B.C.): Very productive cultivar, intense non-fading attractive color. Very healthy.

Large Flowered Climbers

JOHN CABOT, LFC. (Svejda '78) (R. Kordesii x unnamed seedling). Medium red, 40 petals. E. Ouellette (1 pl. 1 yr. 4', Quec.): blooms open flat, very good substance, in clusters, fragrant. First year had good flower production, no disease. I am growing it because of its hardiness to our cold winters and I dislike bending over canes to cover each fall. Upright bushy growth habit, abundant yellow green foliage.

PINATA, LFC. (Suzuki '78). No reports.

ROSARIUM UETERSEN, LFC. (Kordes '78 (Karlsruhe x seedling). Deep pink (dp), 142 petals. B. Budd (2 pls. 3 yrs. 7', Ont.): Medium size (3'') bloom, open slightly ruffled form, excellent substance, very double, large clusters. Clear colour and profuse blooming habit make it attractive all season. Spreading growth habit, large glossy foliage, very disease-resistant, hardiness is good. J. Ghio (1 pl. 4 yrs. Cl., Cal.): Old fashioned form, great substance, in clusters, repeats fast, green apple fragrance. A super rose - everyone should grow it. Compact growth for a climber, light green holly-like foliage, no disease. A. Leskiw (1 pl. 3 yrs. 4'8'', Sask.): Confused centres, good substance, many clusters, color doesn't look good under some types of light at shows. Holly-like foliage is nice for flower arranging. Prone to iron deficiency - needs several feedings to prevent this condition. No disease. H.C. Wehrfritz (4 pls. 4 yr. 8', B.C.): Flat quartered form, prolific bloomer, two to three times a year completely covered with fragrant flowers. Very healthy.

Shrub Roses

CAREFREE BEAUTY, Sh. (Buck '79). No reports.

FRANK NAYLOR, Sh. (Harkness '78) Orange Sensation x Allgold) x (Little Lady x Lilac Charm) x (Blue Moon x Magenta) x (Claire Grammerstorf x Fruhlingsmorgen) . Maroon/white eye (mr), 5 petals. C.D. Yeomans (1 pl. 2 yrs. 5', B.C.): After a tremendous display of bloom early in the summer, there has hardly been a flower on it. Blackspots - disappointing.

JOHN FRANKLIN, Sh. (Svejda '80). Medium red (mr), 15 petals. Brian Porter (1 pl. 1 yr. 17'', Sask.): 2½'' flowers, cupped form, inner petals, incurved somewhat and ruffled, borne mostly singly. Received very small plant - too much of the summer to make much growth - too soon to fairly evaluate. Will give no winter protection and see how it fares. Light green foliage. trace of chlorosis, no disease. A Leskiw (1 pl. 1 yr. 2'9'', Sask.): Loose form, semi-double with very attractive centres, excellent substance, weak fragrance, performs well - looks promising. Certain lights at shows don't compliment the color. Color holds up well in sun. Spreading growth habit, beautiful smooth dull foliage, no disease.

MORDEN CARDINETTE (Parkland Series), Sh. (Henry Marshall '79). Cardinal red 24-34 petals. Wm. Archibald (1 pl. 2 yrs. 3', Sask.): Cupped form, good substance, double, and a real bloom factory. Excellent rose for western Canada - very hardy, nearly as good as The Hunter. Somewhat spreading growth habit, dark foliage, some balling of blooms. H. and E. Pickett (5 pls. 2 yrs. 30-32'', Man.): 2½'' bloom, very good form, 6 to 7 blooms on one stem. Very fast growing rose, repeats well all summer, some balling of blooms. Very good foliage, some blackspot, very hardy with no cover. B. Porter (1 pl. 2 yrs. 26'', Sask.): Cupped form, good substance, 2-3'' blooms in clusters, very slow to open. Excellent early summer bloom but later blooms balled and did not open. No repeat bloom until Sept. 19, which was minimal. Upright growth habit, large rounded foliage, no disease, very hardy.

MORDEN CENTENNIAL, Sh. (Henry Marshall '80). No reports.

ROBUSTA, Sh. (Kordes '79) (Unnamed seedling x R. Rugosa). Scarlet/yellow eye (mr), 5 petals. B. Budd (1 pl. 3 yrs. 5', Ont.): Single blooms in clusters, slightly cupped to flat form, excellent substance, repeat bloomer, outstanding colour, does well all season. Upright bushy growth habit with strong thorny canes, glossy dark leathery foliage, disease-resistant, hardiness is good.

Miniatures

ANDREA, Min. (Moore '78) (Little Darling x unknown seeding). Rich rose pink/silvery reverse (dp), 20 petals. A. Graber (1 pl. 1 yr. 28", Ont.): H.T. form then cupped, 1½" bloom, one of the big ones. Few blooms, will try it as a climber against the fence. Very vigorous growth habit, some blackspot. B. Porter (1 pl. 5 yrs. 20", Sask.): Exhibition form, good substance, abundant flowers in clusters over a long season, one of the most reliable performers in my garden, also one of the taller ones. Moderate mildew, hardy with protection. (Last year for reporting this rose).

ANGELA RIPPON, Min. (de Ruiter '78). No reports.

ANITA CHARLES, Min. (Moore '81) (Golden Glow x Over the Rainbow). Red on yellow/reverse gold to coral, 38-45 petals. E. Hillier (1 pl. 1 yr. 10", Ont.): Good form and substance, medium size bloom - 1½" diameter. Named for Church soloist, Visalia Cole in USA, - should do well. Good growth habit, no disease, hardy. M. Humenick (1 pl. 1 yr. 12", Cal.): 1¾" when fully open, exhibition form, good substance, very interesting color contrast, soft pink when fully open. Dense growth habit, some stiff canes, dark green foliage, no disease. G. Magre (1 pl. 1 yr. 18", Ont.): Well formed H.T. type bud, bloom is sometimes exhibition quality, good substance, fairly large and full petalled. A different variety - best colour late summer and September - turns a little bronzy. Free bloomer. Spreading growth habit, no disease. C.D. Yeomans (1 pl. 1 yr. 12", B.C.): Very attractive H.T. type bloom on a healthy and vigorous plant. Blooms in small clusters.

ANN MOORE, Min. (Moore '81) (Little Darling x Fire Princess). Orange/scarlet (o-r) 28-32 petals. A. Graber (1 pl. 1 yr. 22", Ont.): 2" bloom, good form and substance, opens flat, good amount of bloom, mostly singles, some trusses. Should be exhibited 1/3 open. Growth habit is vigorous, bush too large. Glossy dark green foliage, no disease. M. Humenick (1 pl. 1 yr. 22", Cal.): Exhibition form in bud, decorative and almost 2" wide when fully open, great substance. Many clusters, clear color. Rangy growth habit, no disease. G. Magee (1 pl. 1 yr. 20", Ont.): Elegant long pointed buds with pointed petals, opens to medium size full petalled bloom - nice addition to the miniatures. Color lighter in hot weather, darker spring and fall. No disease.

AVANDEL, Min. (Moore '77) (Little Darling x New Penny). Yellow/peach (yb), 20-25 petals. E. Cochran (4 pls. 7 yrs. 12", Cal.): pointed buds, flattish cupped form when open, excellent substance, mostly one to a stem but sometimes in sprays of 3-5, fruity fragrance. Exhibits well - wins many 'best in show'. Excellent as 18" miniature tree. Upright bushy growth habit, no disease. A. Graber (2 pls. 3 yrs. 10" & 12", Ont.): 1½" bloom, exhibition cupped form, very good substance mostly in singles, some fragrance sets hips. Drops cleanly, beautiful soft colours - worth looking after. Some blackspot, hardy with protection. M. Humenick (2 pls. 4 yrs. 15", Cal.): Very formal bloom, exhibition form, great substance - a blue ribbon winner. Some fragrance. Erect growth habit, dark green foliage, no disease. B. Porter (2 pls. 3, 5 yrs. 14", Sask.): Exhibition form, excellent substance large clusters of long lasting flowers over a long season - a favorite. Good vigor and reliable bloomer, color combination most attractive. No disease, hardy with protection. C.D. Yeomans (1 pl. 2 yrs. 18", B.C.): Attractive colour, floriferous, somewhat large but a good mini. (Last year for reporting this rose).

BABY FACE, Min. (Laver '82) (Popcorn x Popcorn, self pollination). Shell pink (lp), 30-40 petals. A. Graber (1 pl. 1 yr. 9", Ont.): 1½" bloom, full cupped form, in sprays of 5, compact little plant with lots of bloom. Watch for mites. Medium green matt foliage.

BABY KATIE, Min. (Saville '78) (Steri Anne x Watercolor). Cream/pink edges, 25-30 petals. K. Barkley (1 pl. 2 yrs. 1-1½", B.C.): High centered ovoid pointed bud opens to 1¼" bloom, very firm smooth substance, terrific bloomer - lots of sprays evenly spaced, long lasting on bush and as cut

flower. Vigorous, rather bushy spreading growth habit, dark green foliage, mildew prone, very good for hardiness. E. Cochran (2 pls. 2 yrs. 15", Cal.): Beautiful buds, exhibition form, excellent substance, heavy fruity fragrance, borne one to a stem and many sprays - best miniature I grow. Very prolific all season. Upright bushy grower, no disease. A Graber (1 pl. 3 yrs. 12", Ont.): 1½" bloom, H.T. form, good substance, very profuse bloomer. Large glossy foliage, mildews. Rather tender - lost one but others came through. M. Humenick (1 pl. 3 yrs. 12" Cal.): Exhibition form, great substance, lovely color and looks great in mini arrangements. Compact growth habit, no disease.

BIG JOHN, Min. (F.D. Williams '79) (Starburst x Over the Rainbow). Medium red/yellow base (mr), 35-50 petals. E. Hillier (1 pl. 1 yr. 10", Ont.): Large 2" bloom, good form and substance, bud stage makes nice buttonhole flower for visitors. Growth habit and foliage are good, no disease, hardy.

BIT O' MAGIC, Min. (E.D. Williams '79) (Over the Rainbow x Over the Rainbow). Deep pink (dp), 45-55 petals. M. Humenick (1 pl. 2 yrs. 8", Cal.): Decorative form, good substance, holds well when fully open. Short growth habit, medium green foliage, no disease.

BLUEBLOOD, Min. (Laver '82) (Dwarf King x Hockey Pokey). Crimson red (mr), 50-60 petals. Canadian hybridized. B. Budd (2 pls. 1 yr. 6", Ont.): H.T. type form, excellent substance, repeat bloomer. Constant bloom makes it delightful all season. Grown in strawberry planter with Green Ice made beautiful focal point in garden. Bushy growth habit, deep green foliage, disease-resistant. A. Graber (1 pl. 1 yr. 14", Ont.): 1½" bloom, very full, good H.T. form opens flat, good substance, profuse bloomer - a good plant. Vigorous spreading growth habit, a touch of mildew. B. Porter (1 pl. 1 yr. 10", Sask.): 1½" blooms, slightly cupped form, excellent substance, quite double, borne singly, long lasting, always in bloom but few at once. Flowers are attractive but tiny dull green cupped foliage detracts from them. Bushy growth habit, mildew on buds.

BOJANGLES, Min. (Warrinsr '81) (Spanish Sun x Calgold). Deep yellow (dy). M. Humenick (2 pls. 1 yr. 12", Cal.): Exhibition form, great substance petals unfurl slowly - should be Queen of Show soon. Dense growth habit, exceptionally healthy.

BORN FREE, Min. (Moore '78) (Red Pinocchio x Little Chief). Dusky orange-red (or), 20 petals. C.D. Yeomans (1 pl. 2 yrs. 18", B.C.): Almost single bloom, rich colour with yellow stamens. One of the larger miniatures but I like it very much.

BRASS RING (PEEK A BOO in Europe, England), Min. (Dickson '82) (Memento x Nozomi). Apricot fading to rose pink (ob), 21 petals. M. Humenick (2 pls. 1 yr. 18", Cal.): Urn shaped bud, exhibition form, great substance, lovely color, long sepals, in many clusters all season. Erect growth habit, dark green foliage, no disease but peduncle prone to mildew.

CALICO DOLL, Min. (Saville '79) (Rise 'n Shine x Glenfiddich). Orange/striped yellow (ob), 16-22 petals. A. Graber (2 pls. 2 yrs. 14", Ont.): 1" bloom, decorative form, good quality but not special. Upright growth habit, glossy small dark green foliage, blackspots, Hardy. M. Humenick (1 pl. 2 yrs. 18", Cal.): Good form in bud, opens fast and flat in hot weather, good substance. Rangy plant, medium green foliage, no disease.

GALGOLD, Min. (Moore '77) (Golden Glow x Peachy White). Deep clear yellow (dy), 20-25 petals. MV Humenick (1 pl. 1 yr. 15", Cal.): Decorative form, good substance, opens a little too fast for my hot climate. Rise 'n Shine is better yellow mini. Compact growth habit, no disease.

CARELESS MOMENT, Min. (E.D. Williams) (Little Darling x Over the Rainbow). White/pink edges (pb), 40-50 petals. A. Graber (1 pl. 2 yrs. 12", Ont.): H.T. to cupped form, 2" bloom, mostly singles best in spring. Sprawling growth habit, large dull mid-green foliage, no disease, tender. G. Magee (2

pls. 2-3 yrs. 12", Ont.): Large double bloom, bud well formed but not best exhibition class. I like the variety even if it is too large. Bushy growth habit, no disease. B. Porter (1 pl. 2 yrs., Sask.): Winter killed - weakened from previous winter.

CARIBE, Min. (Warriner '82) (Bridal Pink x Fire Princess). Apricot blend (ab). M. Humenick (1 pl. 1 yr. 10", Cal.): Decorative form, good substance, opens rapidly in hot weather. Not very productive first year. Dense growth habit, dark green foliage, no disease.

CARNIVAL GLASS, Min. (E.D. Williams '79) (Seedling x Over the Rainbow). Yellow/orange (ob), 35-40 petals. G. Magee (2 pls. 1 yr. 18", Ont.): Ovoid bud opens to a large full colourful flower but not exhibition form. Good substance, and quite a showy variety. Spreading growth habit - Carnival Parade is upright. No disease.

CARNIVAL PARADE, Min. (E.D. Williams '78) (Starburst x Over the Rainbow). Golden yellow to red (yb), 45 petals. M. Humenick (1 pl. 2 yrs. 18", Cal.): Decorative form, good substance, trifle too large for mini. Opens fast and ages poorly. Upright growth habit, medium green foliage, no disease. G. Magee (1 pl. 3 yrs. 32", Ont.): Well formed large H.T. bud opens to very large bloom, fairly good substance. Very attractive - like a small colourful floribunda in spring. Upright growth habit, no disease, hardy. K. Mychaluk (1 pl. 2 yrs. tall, Alta.): Very large blooms with some balled centre, good substance. Not the best mini I have - form peters out and could bloom more. Vigorous grower, no disease noted, hardy (Last year for reporting this rose).

CAROL JEAN, Min. (Moore '76). No reports. (Last year for reporting this rose).

CENTER GOLD, Min. (Saville '81) (Rise 'n Shine x Kiskadee). Deep yellow (dy), 35 petals. E. Cochran (4 pls. 2 yrs. 12-15", Cal.): Tapered buds, exhibition bloom, very good substance great improvement over last year - better color, better form - a lovely mini. Very prolific, only singles. Upright bushy growth habit, dark green foliage, no disease. C. Finch (2 pls. 1 yr. 12", Ont.): H.T. shape exhibition blooms held well above foliage, holds well when cut - better to cut and enjoy as they fade in sun. Fair substance. Bushy growth habit, no disease. A. Graber (2 pls. 1 yr. 10", Ont.): 1 1/4" bloom, H.T. form, lovely bud to 1 3/4" open then shatters. Upright growth habit, small dark green leaves, healthy. M. Humenick (3 pls. 2 yrs. 12", Cal.): Exhibition form, non-fading, great substance - can be a blue ribbon winner. Available only thru ARS Shreveport headquarters. Short growth habit, no disease.

CHARMGLO, Min. (E.D. Williams '80) (Unnamed seedling x Over the Rainbow). Creamy white, edged red (pb). G. Magee (1 pl. 1 yr. 18", Ont.): Nicely formed bud opens fast to flat rather at tractive medium large bloom, fair substance, a lot of bloom but needs more petals. No quite first class this year. Spreading growth habit, no disease.

CHATTEM CENTENNIAL, Min. (R. Jolly '79) (Orange Sensation x Zinger). Orange-red (o-r), 35-38 petals. E. Cochran (2 pls. 3 yrs. 15-16", Cal.): Fat ovoid bud opens slowly to decorative form bloom rather flat, about 2" diameter. Nice garden type fruity fragrance, very bright and quite floriferous. Spreads to a sprawling bush, no disease. E. Freeman (2 pls. 2 yrs. 8", Ont.): Full bloom, cupped form, good substance, large flowers on a compact bush, good repeat - one of my favorite colours but prone to mildew. Terrific under lights. A. Graber (3 pls. 3 yrs. 8", Ont.): 1 1/2" bloom, cupped form, profuse bloomer and quick repeat, great colour - best O-R for garden. Compact growth habit, small dark green foliage, no disease, needs winter protection. M. Humenick (1 pl. 2 yrs. 2", Cal.): Exhibition form bloom opens slowly, excellent substance, good production of blooms. Erect growth habit, no disease. A. Rendle (1 pl. 1 yr. 14", B.C.): Exhibition form, excellent substance, flowers 1 1/2-2" diameter, lots of bloom and a showy eye catcher. Vigorous grower, no disease.

CHOO-CHOO CENTENNIAL, Min. (B. Jolly '80) (Rise 'n Shine x Grand Opera). Light pink/white reverse (lp), 60 petals. A. Graber (2 pls. 1 yr. 16", Ont.): 1½" bloom, H.T. form, good substance, in single and cluster, profuse - good plant. Upright growth habit, dark green shiny foliage, healthy.

CHRISTINE WEINERT, Min. (Moore '76) (Little Darling x Eleanor) x (Little Darling x Eleanor). Brilliant Scarlet (o-r), 25 petals. M. Humenick (1 pl. 2 yrs. 12", Cal.): Decorative form, opens flat and fast, good substance, not many blooms. Serrated foliage is most interesting. Short growth habit, no disease. (Last year for reporting this rose).

CLARET, Min. (Saville '77). No reports. (Last year for reporting this rose).

CRAZY QUILT, Min. (Moore '80). red blend (rb). M. Humenick (1 pl. 2 yrs. 12", Cal.): Decorative form good substance, holds fully open. Many tiny petals overlay in novel color pattern - creates a real novelty. Bushy growth habit, medium green foliage, no disease.

CRICKET, Min. (Christensen '78) Anytime x (Zorina x Golden Wave) . Light orange to yellow (ob), 25 petals. K. Barkley (4 pls. 1 yr. 1-3', B.C.): Tapered bud opens to show full stamens, blooms last a long time inside and out, prolific bloomer, in sprays and singles. Very quick to bud out at each leaflet before bloom above it has finished blooming. Vigorous upright growth habit, dark green foliage, no disease. E. Cochran (3 pls. 5 yrs. 24", Cal.): cupped decorative form, good substance, open blooms last well, in singles and many clusters. Sunny color attracts many visitors. Quite floriferous and exhibits very well. Bushy grower, no disease. M. Humenick (1 pl. 4 yrs. 18", Cal.): Decorative bloom, good substance but opens too fast. Good clear color. Rangy growth habit, no disease. R.J. Kopecky (1 pl. 3 yrs. tree rose, Neb.): Exhibition high centered form, very good substance, in singles and sprays, vivid color, continuous bloom all season. Blue ribbon winner in English box class - lasts well when refrigerated. No disease, hardness is excellent. C.D. Yeomans (1 pl. 1 yr 18", B.C.): Another of the larger miniatures, very bright colour, opens flat, healthy, very attractive.

CUDDLES, Min. (Schwartz '78) (Zorina x unnamed seedling). Deep coral pink (dp), 55-60 petals. E. Cochran (3 pls. 4 yrs. 18-20", Cal.): Exhibition form, excellent substance, in large sprays with many single stem blooms, floriferous - big winner at shows. Compact bushy growth habit, dark matt foliage, no disease. A. Graber (3 pls. 4 yrs. 12", Ont.): 1¼" bloom, H.T. form, excellent substance, in sprays, profuse bloomer. Lasts well when cut, wins ribbons - one of the best. Upright vigorous growth habit, no disease, hardy. E. Hillier (1 pl. 3 yrs. 20", Ont.): Exhibition form, good substance, dozens of nice blooms in clusters and singles. Prize winner for me this year, has been in 10" pot for 3 years - time to let it in garden Upright grower, disease-resistant, hardness is good. M Humenick (1 pl. 5 yrs. 12", Cal.): Exhibition form, great substance, lots of sprays also one to a stem, does well in hot weather - one of the best miniatures. Dense growth habit, no disease. R.J. Kopecky (1 pl. 2 yrs. 20", Neb.): High centered exhibition bloom, very good substance, good all-purpose rose for garden, show, cut flowers, excellent for beginners. Bushy growth habit, no disease, excellent for hardness with minimal cover. B. Porter (1 pl. 4 yrs. 9", Sask.): 1¼" bloom, exhibition form, excellent substance, in clusters and singles. I value it for long lasting qualities. Not too generous bloomer but not in my best location. Mildews. Hardy with protection. (Last year for reporting this rose).

CUPCAKE, Min. (Spie's '81). Medium pink/paler reverse (mp), 40-50 petals. R. Bryant (1 pl. 2 yrs. 15", Ont.): Excellent form - real H.T. type, very good substance, no fading. Don't wait - get it now. One of the best minis grown - prize winner. Upright growth habit, lovely foliage, no disease, hardy. E. Cochran (2 pls. 2 yrs. 12-14", Cal.): Exhibition form with spiraling centers, excellent substance, in sprays and singles, very prolific - a great exhibition rose, holds well and non-fading. Upright branching growth habit, no disease. A. Graber (3 pls. 2 yrs. 12", Ont.): 1½" bloom, great H.T. form, very good substance fast repeat. I like this one - good indoors too. Upright growth habit, no disease, hardy. M. Humenick (2 pls. 2 yrs. 12", Cal.): High centered exhibition bloom, opens slowly and in a

spiral, great substance, very desirable colour. Very reliable mini both as to true form and production. Compact grower, no disease. R.J. Kopecky (2 pls. 2 yrs. 15", Neb.): H.T. form, sometimes exhibition, very good substance. A little charmer that can be used every way imaginable - try drying it in microwave - it doesn't change color. Upright bushy grower, no disease, very good for hardiness. G. Magee (1 pl. 1 yr. 20", Ont.): Well formed exhibition bud opens to medium sized flower - spring blooms were excellent, summer more ordinary. Could be one of the best light pinks. No disease. K. Mychaluk (1 pl. 1 yr. tall, Alta.): Great form - lovely slow opening exhibition blooms, excellent substance, yummy color, in singles and sprays - one of the best pink minis. Vigorous growth habit, no disease.

CUPIDS BEAUTY, Min. (Williams '78) (Seedling x Over the Rainbow). Light orange ? cream (ob), 40-45 petals. M. Humenick (2 pls. 5 yrs. 12", Cal.): Exhibition form, good substance, holds well, likeable color contrast. Compact growth habit, no disease.

DEEP VELVET, Min. (B. Jolly '81) (Grand Opera x Jimmy Greaves) x Baby Katie . Dark velvety red (dr), 30-40 petals. A. Graber (2 pls. 1 yr. 16", Ont.): 2" urn shaped bud open flat, good substance, good amount of bloom. Third good rose from Jolly's. Spreading growth habit, mid size deep green foliage, no disease. G. Magee (1 pl. 1 yr. 16", Ont.): Bud generally good form, open bloom large, sometimes exhibition. One of the best new reds - larger than Red Ace or Red Beauty. Spreading growth habit, no disease.

DON MARSHALL, Min. (Moore '82) (Baccara x Little Chief). Rich red/dark red reverse (dr), 35-40 petals. E. Cochran (2 pls. 1 yr. 12-15", Cal.): Lovely exhibition form, excellent substance, in sprays and single stems, non fading color, light fragrance - will be much in demand. Upright branching growth habit, dark semi-glossy foliage, disease-resistant. M. Humenick (1 pl. 1 yr. 24", Cal.): Exhibition form, great substance, opens slowly, some fragrance, cluster blooms and some one to a stem, very dark red. Rangy grower, no disease.

DOUBLE JOY, Min. (Moore '79) (Little Darling x New Penny) Pink (mp), 35 petals. C.D. Yeomans (1 pl. 2 yrs. 12", B.C.): H.T. shape, large flowers, quite attractive, upright growth, nice foliage in total better than average.

DREAMGLO, Min. (Williams '78) (Little Darling x Little Chief). Red and white, white reverse (rb), 50 petals. A. Graber (3 pls. 3 yrs. 14", Ont.): 1½" bloom, H.T. form, then quilled, good substance, profuse bloomer, right size for a miniature. Pretty but doesn't come near to Magic Carrousel - wins ribbons. Upright growth habit, small medium green foliage, no disease, tender. M. Humenick (2 pls. 3 yrs. 28", Cal.): Long lasting exhibition form, unfurls slowly, great substance, sets up good sprays - won best spray in our Fall Mini Show. Erect grower, no disease. R.J. Kopecky (1 pl. 2 yrs. 24", Neb.): Always exhibition form, excellent substance, loads of bloom all year. Can't say enough good things about it - won best spray in State Show. No disease, excellent for hardiness. K. Mychaluk (2 pls. 3 yrs. tall, Alta.): large well formed exhibition bloom, excellent substance, good cut flower, just keeps blooming - one of my favorites. Vigorous grower, large foliage, no disease, hardiness is good. B. Porter (1 pl. 1 yr. 14", Sask.): Excellent form and substance, 1¼" flowers in clusters, petals a bit loose, very attractive color combination, heavy bloomer but slow to repeat. Bushy vigorous growth habit, bright green foliage, trace of mildew. (Last year for reporting this rose).

DWARF QUEEN, Min. (Kordes '82).x Hot pink. B. Porter (1 pl. 1 yr. 12", Sask.): 1½" blooms, somewhat cupped form, excellent substance, open to give a "wild" appearance, in clusters, long blooming season. Charming variety with vibrant color - good garden subject. Compact upright growth habit, thorny, leathery rich green foliage, no disease.

FAIRLANE, Min. (Schwartz '80) (Charlie McCarthy x seedling). Pink/yellow (yb), 36 petals. R. Bryant (1 pl. 2 yrs. 15'', Ont.): Double bloom, H.T. form, lovely bud opens slowly, good substance, in singles and sprays - a prize winner. Upright growth habit, no disease. E. Cochran (2 pls. 2 yrs. 12-14'', Cal.): Beautiful exhibition form, super substance, opens very slowly, lasts long as cut bloom or on plant. Prolific but only one per stem - would like some sprays. Upright compact grower, disease-free. A. Graber (4 pls. 2 yrs. 14'', Ont.): 2'' blooms, high centered exhibition form, excellent substance, color changes to pale pink white as it ages, mostly singles, really profuse bloomer. Compact growth habit very glossy dark green foliage, can mildew, hardy. M. Humenick (1 pl. 2 yrs. 10'', Cal.): Large exhibition bloom, average substance, opens fast, best in cooler climate. Slow to establish - need to feed bush heavily. Short growth habit, no disease. G. Magee (1 pl. 1 yr. 12'', Ont.): Beautiful exhibition bud, opens to large flower. Well known beauty that is not a vigorous grower or free bloomer, not very hardy. No disease.

FASHION FLAME, Min. (Moore '77). No reports. (Last year for reporting this rose).

FELICITY II, Min. (Poulsen '81). Light red to pink/paler base. A. Leskiw (1 pl. 1 yr. 1', Sask.): Semi-double 1'' bloom when fully opened, cupped form, good substance, holds well compared to some other minis. Compact growth habit, no disease - recommended. B. Porter (1 pl. 2 yrs. 12'', Sask.): 1¼'' blooms in generous clusters, cupped form, good substance, everblooming - good garden variety but not show quality. September coloring resembles Dreamglo. Bushy compact grower, no disease, hardy with protection.

FOXY LADY, Min. (Christensen '80) (Gingersnap x Magic Carrousel). Coral pink to white (pb), 20-28 petals. E. Cochran (3 trees, 4 yrs. 24'', Cal.): H.T. type buds, exhibition form with lovely centres but open flat, excellent substance, many sprays and single blooms. Very floriferous and never out of bloom - a show in itself as 18'' trees. No disease. A. Graber (1 pl. 1 yr. 15'', Ont.): 1½'' bloom, H.T. form, good substance, beautiful bud, pretty, good for exhibition. Upright growth habit, dark green shiny foliage, no disease. M. Humenick (1 pl. 2 yrs. 14'', Cal.): Best in bud stage, exhibition form, good substance. Erect grower, no disease.

FUNNY GIRL, Min. (Warriner '82) (Bridal Pink x Fire Princess). Light pink (lp). M. Humenick (2 pls. 1 yr. 21'', Cal.): Exhibition form, great substance, many clusters and one per stem, nice sepals, opens slowly. Ranga grower, spray for mildew control.

GALAXY, Min. (Moore '80). Dark red (dr). M. Humenick (1 pl. 2 yrs. 12'' Cal.): Decorative form wavy petals but few of them, opens fast, intense color with bright yellow stamens, great substance. Short growth habit, dark green foliage, no disease. A. Leskiw (1 pl. 1 yr. 1'1'', Sask.): Double bloom, loose form, good substance, bloomed all summer but they shatter rather quickly - rather like this one. Bushy upright grower, not too plentiful foliage no disease.

GLORIGLO, Min. (Williams '76) (Seedling x Over the Rainbow). Orange/creamy white reverse (ob), 40-50 petals. A. Graber (4 pls. 4 yrs. 10'', Ont.): Decorative form bloom, 1½'' diameter, in singles and clusters, gorgeous orange color, fair substance. Spreading growth habit, mildews, a little tender - weak plant that needs TLC. M. Humenick (1 pl. 3 yrs. 18'', Cal.): Large exhibition bloom, great substance, some fragrance - a good orange one. Erect growth habit, medium green foliage, no disease. R.J. Kopecky (1 pl. 2 yrs. 2', Neb.): Decorative form, very good substance, outer petals open flat, rest of bloom very tight, eye catching color, tremendous bloom production - best for garden. No disease, hardness is very good. B. Porter (1 pl. 2 yrs. 6'', Sask.): 1½'' bloom, somewhat cupped form, excellent substance, borne single, long lasting but only 5 or 6 blooms all summer. Lacks vigor - love the color so I'll keep it another year. No disease, nearly thornless, hardy with protection. (Last year for reporting this rose).

HEARTLAND, Min. (Saville '82) (Sheri Anne x Watercolor). Rich orange red (or), 50-60 petals. C. Finch (1 pl. 1 yr. 15", Ont.): Exquisite high centred exhibition form, crisp substance always in bloom, long lasting in garden or when cut. A delightful rose - will increase. Bushy growth habit, dark green foliage, no disease. A. Graber (1 pl. 1 yr. 20", Ont.): 2½" bloom, HT form bud opens flat, in singles and 3's, good amount of bloom. Very large plant - like Ann Moore but lighter shade. Vigorous grower, very healthy, very large foliage. B. Porter (1 pl. 1 yr. 16", Sask.): Exhibition form, excellent substance, borne singly and in clusters, long lasting, will set hips if allowed - a promising selection - hoping for more blooms next year. Upright growth habit, trace of mildew on buds in fall.

HEIDI, Min. (Christensen '78) (Fairly Moss x Iceberg). Clear medium pink (mp), 35 petals. K. Barkley (1 pl. 2 yrs. 18" standard B.C.): Long bud opens slowly to 1½" double bloom, very symmetrical form, very firm thick petals, usually in clusters of 3, always in bloom, lasts long time on bush or as cut flower. Vigorous upright grower, no disease. A. Graber (1 pl. 3 yrs. 14", Ont.): 1½" bloom, cupped decorative form, good substance, in clusters, profuse, fragrant - unusual. Vigorous plant, very thorny, no disease, sets hips. Hardy M. Humenick (1 pl. 4 yrs. 24", Cal.): Show calibre form, great substance, wavy petals, opens flat, holds color well but too thorny. In sprays and one to a stem. Sprawling growth habit, no disease. C.D. Yeomans (1 pl. 1 yr. 12", B.C.): I love the clear pink colour. Large flower, not mossed, informal shape, healthy.

HOKEY POKEY, Min. (Saville '80) (Rise 'n Shine x Sheri-Anne). Light orange/yellow shading (ob), 20-25 petals. A. Graber (1 pl. 2 yrs. 10", Ont.): 1½" bloom, H.T. form bud, fat and pointed but opens flat. Profuse bloomer and quick repeat. Compact growth habit, small medium green foliage, disease, hardy. R.J. Kopecky (2 pls. 1 yr. 10-12", Neb.): Good form and substance, can be exhibition. Did not live up to my expectations - maybe I received a poor plant. Will reserve judgement until 2nd year. No disease. C.D. Yeomans (1 pl. 1 yr. 12", B.C.): Small H.T. shape blooms borne mostly singly, good foliage, bushy, but not in the top flight of minis.

HOLEY TOLEDO, Min. (Christensen '78) (Gingersnap x Magic Carousel). Apricot orange/yellow orange reverse (ab), 25-30 petals. K. Barkley (1 pl. 2 yrs. 18" standard, B.C.): Rich apricot bud, large flat blooms, firm thick petals, more singles than sprays, continuously in bloom until front, holds well as cut flower. Very vigorous upright to bushy grower, shiny dark green foliage no disease, roots easily from cuttings. R. Bryant (1 pl. 2 yrs. 15", Ont.): Excellent form with pointed petals, good substance, outstanding color, an exhibition rose - make sure you get it. Erect growth habit, lovely foliage, no disease hardiness is good. E. Cochran (2 pls. 5 yrs. 18" trees, Cal.): Long pointed buds, exhibition blooms, excellent substance, hold form well, floriferous, fruity fragrance. Excellent for showing, arrangements, cutting - would love a full bed of them. Upright grower, no disease. E. Freeman (1 pl. 1 yr. 7", Ont.): High centered exhibition form, very good substance, one to a stem, colour catches the eye every time, a little stingy with bloom - reserving judgement for a year but could be one of the best. Compact grower, no disease. A. Graber (3 pls. 3 yrs. 16", Ont.): 1½" bloom, exhibition form, excellent substance - one of the very best minis up there with Starina and Magic Carousel. Upright grower, healthy, a little tender. M. Humenick (2 pls. 4 yrs. Cal.): Extra special - great form and substance, color, fragrance and holding power - doing exceptionally well in Rose Shows. Erect grower, no disease. R.J. Kopecky (3 pls. 3 yrs. 18-24", Neb.): Exhibition bloom, H.T. form, very good substance - still holds its own in rose shows and still highly recommended. No disease, hardiness is excellent. G. Magee (1 pl. 1 yr. 20", Ont.): Beautiful well formed bud, sometimes fair exhibition form, good substance. A real beauty - only fault so far is normal fading of open bloom as it ages. Bushy grower, no disease. A. Rendle (2 pls. 1 yr. 15", B.C.): 1½-2" bloom, pointed bud, imbricated petals, excellent substance - very vigorous high rating mini. Disease free. M. Stockdale (4 pls. 2 yrs. 2", B.C.): Good form and substance, perfect HT type, great colour, lots of blooms - best mini I ever grew. Excellent growth habit, no disease, vigorous.

HONEST ABE, Mini Moss (Christensen '78) (Fairy Moss x Rubinette) Deep velvety crimson (dr), 30-35 petals. R. Bryant (1 pl 2 yrs. Ont.): Form loose at times, good substance, 1 to a stem and sprays. Upright growth habit, thorny, good foliage, no disease, hardy. A. Graber (2 pls. 3 yrs. 18", Ont.): 2" bloom, decorative form, very good substance, in clusters, good repeat. Very thorny large plant and flower but not many dark reds available. Upright grower, healthy, glossy dark green large foliage, hardy. M. Humenick (1 pl. 4 yrs. 24", Cal.): Decorative form, opens flat, good substance, great color. Another thorny one - sells well here as 18" standard. Compact grower, no disease.

HONEY MOSS, Min. (Sudol '77) (Fairy Moss x unnamed seedling). Near white to honey (w), 52 petals. M. Humenick (1 pl. 4 yrs. 10", Cal.): Small unassuming bloom, decorative form, good substance wants to be a ground cover, gives matted appearance. Spreading growth habit, no disease, dark green foliage.

HOPSCOTCH, Min. (Christensen '79) (Gingersnap x Magic Carrousel). Golden yellow/apricot shading (my), 25-32 petals. M. Humenick (1 pl. 4 yrs. 15", Cal.): Decorative form, good substance but blows form too quickly. Plays second fiddle to sister seeding - Holy Toledo. Dieback killed mature plant. Erect grower, no disease.

HUMDINGER, Min. (Schwartz '76) (Gold coin seedling x unnamed mini seeding). Coral pink and orange (or), 50-55 petals. E.C Cochran (2 pls. 4 yrs. 18", Cal.): Beautiful pointed bud, exhibition form, good substance, in sprays and single stems, balls in foggy weather but great in spring and fall. Upright bushy grower, no disease. A. Graber (1 pl. 1 yr. 14", Ont.): 1" bloom, H.T. form then flat in clusters, profuse. Vigorous upright growth habit, dark green glossy large foliage, some blackspot. M. Humenick (1 pl. 4 yrs. 12", Cal.): Good show form, good substance, repeats well. Compact growth habit, no disease. B. Porter (1 pl. 5 yrs. 12", Sask.): exhibition form, excellent substance flowers in clusters, long lasting. After several years of excellent performance, mildew severely reduced amount of bloom. Needs regular spraying. Bushy growth habit. Hardy with protection. (Last year for reporting this rose).

JANICE TELLIAN, Min. (Moore '79) (Fairy Moss x Fire Princess). Light pink to coral (lp), 40 petals. M. Humenick (1 pl. 3 yrs. 10", Cal.): Decorative form, opens flat, great substance and color, in sprays as well as one per stem, likes cooler weather. Dense growth habit, medium green foliage, no disease.

JOAN AUSTIN, Min. (Moore '81) (Avandal x Unnamed seedling). Light pink with white stripes (lp), 35-40 petals. G. Freeman 1 pl. 1 yr. 12", Ont.): Cupped double bloom opens flat, fair substance. Takes on beige tint in sun - will remove because colour is so unattractive - Strawberry Swirl much superior. A. Graber (1 pl. 1 yr. 8", Ont.): 1½" bloom. Not vigorous and not much bloom - will see next year.. Small matt medium green foliage. A. Leskiw (1 pl. 1 yr. 5", Sask.): High centered form, good substance, opens flat but holds well. Slow grower, very small, would not recommend this one - won't miss it if it winterkills.

KAIKOURA, Min. (McGredy '78) (Anytime x Matange). Red (rb), 27 petals. A. Graber (1 pl. 1 yr. 10", Ont.): H.T. form. Didn't do much this summer - will see next year. Dark green glossy foliage. K. Mychaluk (1 pl. 1 yr. med., Alta.): Cup shaped bloom, good substance, good repeat. Vigorous growth habit, o.k. foliage, no disease noted.

KO'S YELLOW, Min. (McGredy '78) (New Penny x Banbridge) x (Broder Falme x Manx Queen). Yellow/cerise petal edges (by), 39 petals. G. Freeman (1 pl. 1 yr. 12", Ont.): High centered form with beautiful bud, good substance, medium size. Beautiful but very slow to repeat - I prefer Rise 'n Shine. Compact growth habit healthy dark green foliage, no disease. M. Humenick (1 pl. 1 yr. 10", Cal.): Exhibition form, excellent substance, holds form quite well, flowers a trifle large, great color. Erect grower, no disease.

LADY EVE, Min. (Rovinski & Meredith '78) (Neue Revue x Sheri Anne). Orange blend (ob), 38-40 petals. M. Humenick (1 pl. 3 yrs. 30", Cal.): Good in bud form only, opens fast and flat, great substance. Rangy grower medium green foliage, no disease stiff canes - not worthy of introduction.

LAVENDER JEWEL Min. (Moore '78) (Little Chief x Angel Face). Clear lavender mauve (m), 30-40 petals. E. Cochran (3 pls. 5 yrs. 14" trees, Cal.): Beautiful bud opens to exhibition form, excellent substance, in lovely show sprays and singles - the best lavender mini in my opinion. Very floriferous, fragrant. Upright spreading growth habit, medium matt green foliage, no disease. A. Graber (2 pls. 4 yrs. 16", Ont.): 1¼" bloom, exhibition form, very good substance, always covered in bloom - best lavender mini. Upright bushy growth habit, healthy, hardy. M. Humenick (1 pl. 3 yrs. 14", Cal.): Exhibition form, good substance, holds well, some red petal edges caused by sun - reminds one of a mini Paradise. Rangy grower, no disease. K. Mychaluk (3 pls. 2 yrs. med., Alta.): Large bloom, good form and substance - probably the best mauve mini. Good growth habit, large foliage, mildews, a little tender. C.D. Yeomans (2 pls. 1-2 years. 9", B.C.): Plant sprawls but blooms are of perfect H.T. shape and lovely colour. Large blooms in small clusters. (Last year for reporting this rose).

LEMON DELIGHT, Min Moss (Moore '78) (Fairly Moss x Gold Moss). Primrose yellow (ry), 10 petals. M. Humenick (1 pl. 3 yrs., Cal.): Single bloom, rather large for a mini but a honey nevertheless, good substance. Can overlook thorns/moss as I like singles. Short growth habit, medium green foliage, no disease. A. Leskiw (1 pl. 4 yrs. 9", Sask.): High centered form, good substance, lemony fragrance, looks good at all stages of bloom. Still one of my favorites - like it for flower arranging, dries well in silica gel - could recommend this one. Upright grower, dark green foliage if iron is supplied, hardy with winter protection. A. Rendle (1 pl. 1 yr. 14", Ont.): Mossy bud, long and pointed, semi double - 10 petals, exhibition form, good substance, long lasting, mostly in singles. Sprawly grower, leathery foliage, no disease. B. Porter (3 pls. 4 yrs. 8", Sask.): Semi-double 'wild' type blooms in clusters, nicely mossed, great repeat bloom - has been quite reliable for hardiness and bloom. Compact bushy growth habit but thorny, some blackspot.

LITTLE DICKENS Min. (Schwartz '79) (Ma Perkins x Sheri Ann) x Over the Rainbow. Orange red/yellow base (yb), 25 petals. R. Bryant (Ont.): Cupped form, small bloom very compact bush, no disease - different. Try it indoors - does much better. A. Graber (1 pl. 2 yrs. 6", Ont.): 1" blooms, poor form - like a zinnia. Right size of plant but nothing else is right - will discard. Upright grower, some mildew, hardy.

LITTLE ESKIMO, Min. (Moore '81) (R. Wichuriana x Floradora) x Jet Trail. Near white/outer petals sometimes green (w). E. Hillier (1 pl. 1 yr. 10", Ont.): Double bloom, 1" diameter, good form, substance and bloom production. Rose won best Pot Rose at Orangeville Summer Flower Show, in a 6" pot. Good growth habit, no disease, hardiness is good.

LITTLE LINDA, Min. (Schwartz '76) (Gold Coin Seedling x Unknown miniature seedling). Light lemon yellow (my), 17 petals. M. Humenick (1 pl. 5 yrs. 10", Cal.): Small bloom, exhibition form, great substance, holds form quite well and profuse bloomer. Short bushy grower, no disease. R.J. Kopecky (1 pl. 5 yrs. 18", Neb.): Exhibition bloom, very good substance. My bloomin' fool can keep up with any other in bloom production - one of my oldest and best minis. Short bushy growth habit, no disease - ever, excellent for hardiness. B. Porter (1 pl. 6 yrs. 7", Sask.): Exhibition form, good substance, opens quickly, profuse bloomer in clusters. Has been one of the most reliable bloomer but needs constant grooming. Bushy compact grower, no disease. (Last year for reporting this rose).

LITTLE RED DEVIL, Min. (Christensen '80) (Gingersnap x Magic Carrousel). Medium red (mr), 35-50 petals. E. Cochran (2 pls. 3 yrs. 18" trees, Cal.): Top quality exhibition blooms, excellent substance, large sprays and many singles. very, floriferous all season, fragrant. My favorite red miniature, Upright bushy grower, no disease. M. Humenick (1 pl. 2 yrs. 14", Cal.): Exhibition form

best as bud to ½ open, then poof - it's gone. Gingersnap x Magic Carrousel cross has given a lot of varieties - still like Holy Toledo best. Rangy grower, no disease.

LITTLEST ANGEL, Min. (Schwartz '76) (Gold Coin seedling x unnamed mini seedling). Medium to deep yellow (my), 25-30 petals. M. Humenick (1 pl. 3 rs. 15", Cal.): Exhibition form, good substance, holds form and color well - lovely soft butter yellow. Compact grower, medium green foliage, no disease. (Last year for reporting this rose).

LYNN ANN, Min. (Saville '80) (Rise 'n Shine x Sheri Anne). Yellow to pink/orange (ob), 35-40 petals. A. Graber (1 pl. 2 yrs. 10", Ont.): 1¼" bloom, H.T. form then flat. Unusual coloration but fades to a dirty white. Upright growth habit, medium green matt foliage, weak plant after last winter - tender.. G. Magee (1 pl. 2 yrs 12", Ont.): Attractive small bud and bloom, fair form. Although it fades rapidly it looks more like a minature than most. Bushy compact grower, small disease-free foliage. K. Mychaluk (1 pl. 1 yr. med., alta.): Nice color but many vegetative centres. Vigorous little plants, large green voliage, mildews.

MAORI DOLL, Min. (Bell Rosen '77) (Yellow Doll sport). Buff (yb), 50-60 petals. C.D. Yeomans (1 pl. 1 yr. 12", B.C.): Bushy plant, bloom does not last - not a favourite.

MARK ONE, Min. (Saville '82) (Sheri Anne x Glenfiddich). Orange red (or). M. Humenick (2 pls. 1 yr. 12", Cal.): Exhibition form, good substance, holds form well, intense orange color, petal edge darkens with age - expect this rose on Show Table next year. Compact grower, medium green foliage, no disease.

MIAMI HOLIDAY, Min. (Williams '76). No reports. (Last year for reporting this rose).

MISTEE, Min. (Moore '79) (Little Darling x Peachy White). White tinted yellow (w), 25-30 petals. A. Graber (1 pl. 1 yr. 12", Ont.): 1½" bloom, H.T. form, profuse and vigorous but spots in the rain. Upright growth habit, medium size dark green foliage, no disease.

MISTY DAWN, Min. (Schwartz '79) (Charlie McCarthy x unnamed seedling). Pure white (w), 30-35 petals. M. Humenick (2 pls. 2 yrs. 6", Cal.): Tiny blossom, decorative form, good substance, blows rapidly but could be a ground cover. Rangy growth habit, medium green foliage, no disease.

MOOD MUSIC, Mini Moss (Moore '77). No reports.

NIC NOC, Min. (Poulsen '79). Cherry red (mr), 24 petals. A. Graber (1 pl. 3 yrs. 16", Ont.): 1½" bloom, decorative form, petals fall cleanly, sets hips. Good garden mini. Upright growth habit, glossy medium green foliage, healthy, usually hardy.

ORANGE CASCADE, CL. Min. (Moore '79) (Unnamed seedling x Magic Wand). Yellow flushed orange (ob), 20 petals. M. Humenick (3 pls. 2 yrs. 3-4', Cal.): Decorative form, great substance, soft pumpkin orange color, lots of clusters. Plant to cascade down a retaining wall or in a basket - cut back to create density. Weeping growth habit, medium green foliage, no disease. A. Leskiw (1 pl. 3 yrs. 7", Sask.): Cupped form, poor substance very double bloom opens quickly, fades and shatters far too fast - not recommending this one. Small bush, foliage requires a lot of iron, no disease, hardiness is good. A. Rendle (1 pl. 1 yr. 16", B.C.): 1-1½" bloom, double open bloom, fair substance. Good for hanging baskets with an abundance of bloom - last longer when grown in morning sun. Trailing growth habit, small fern-like foliage, some mildew.

ORANGE HONEY, Min. (Moore '79) (Rumba x Over the Rainbow). Orange yellow (ob), 20-25 petals. C.D. Yeomans (1 pl. 1 yr. 12", B.C.): H.T. shaped, medium sized flowers of attractive colouring, borne singly and in small clusters, good dense foliage - I like this one.

ORANGE PIXIE, Min. (Moore '78) (Little Chief x Fire Princess). Bright orange red (o-r), 45-50 petals. M Humenick (1 pl. 5 yrs. 16", Cal.): Exhibition bloom, good substance and nice color, some fragrance, small flower. Upright grower, no disease.

PACE SETTER, Min. (Schwartz '79) (Ma Perkins x Magic Carrousel). White (w), 43-48 petals. K. Barkley (2 pls. 1 yr. 1½-2", B.C.): Long pointed buds, pure white in sun, tinged pink in cool weather, open to perfect H.T. type form, very firm substance, a little large, prolific bloomer. Grows singly rather than sprays, lasts long time on bush or as cut flower. Upright rather spreading growth, dark green healthy foliage. R. Bryant (18", Ont.): H.T. form, in singles and sprays, one of the best white-a real winner on show table or in garden. Lovely foliage, no disease, very vigorous grower, hardy. E. Cochran (2 pls. 4 yrs. 16", Cal.): Beautiful exhibition blooms, hold form well, excellent substance, more singles than sprays, could bloom more. Upright branching grower, no disease. A Graber (2 pls. 3 yrs. 20", Ont.): 1¼" bloom, H.T. form, excellent substance, mostly singles, profuse - best white mini - only Starglo comes near.: Upright grower healthy, hardy. M. Humenick (3 pls. 1 yr. 30", Cal.): Exhibition bloom holds H.T. form long time, fantastic substance, many clusters and one per stem. In cool weather flower gets too large for a mini. Erect growth habit, dark green foliage, no disease. R.J. Kopecky (2 pls. 1 yr. 20", NEB.): Excellent form, always exhibition, very good substance - outstanding performance for first year plants - contender for best mini in Show - refrigerates well. Upright grower, no disease. G. Magee (4 pls. 1-2 yrs. 32", Ont.): Beautiful bud, a little large in spring, exhibition form, good substance - one of the best whites but might bloom a little more. Upright grower, no disease. K. Mychaluk (3 pls. 3 yrs. tall, Alta.): Beautiful H.T. exhibition form, excellent substance, my favourite - won me Mini Queen of Show. Vigorous grower, no disease, hardness is excellent. B. Porter (1 pl. 2 yrs. 11", Sask.): Exhibition form, excellent substance, mostly in clusters of 3 to 4, bloom a bit large, slow to repeat, rather stingy bloomer after a hard winter. Upright grower, no disease, a little less vigorous this year, hardy with protection.

PARTY GIRL, Min. (Saville '79) (Rise 'n Shine x Sheri-Anne). Apricot/Yellow overlaid salmon (by), 25 petals. E. Cochran (3 pls. 4 yrs. 18" trees, Cal.): High centered exhibition blooms, very good substance, lovely sunset coloring, quite prolific, light spicy fragrance. Has won many Best in Show awards. Upright bushy habit, vigorous, no disease. A Graber (2 pls. 3 yrs. 16", Ont.): 1¼" bloom, exhibition form at 1/3 open, excellent substance, in singles and sprays. Upright grower, some blackspot, usually hardy but didn't come thru last winter well - worth saving. M. Humenick (3 pls. 2 yrs. 10", Cal.): A Show Queen candidate - H.T. form, excellent substance, holds well as cut bloom, beautiful color - more intense in cool weather. Erect grower, no disease. R.J. Kopecky (2 pls. 1 yr. 15-18", Neb.): Excellent exhibition form excellent substance, all blooms same size all season, ample bloom, perfect for English box class and one of the very best minis I grow - nothing but praise for this one. No disease. B. Porter (1 pl. 1 yr. 19", Sask.): Exhibition form, excellent substance, flowers in large clusters but a bit sporadic, very attractive color combination - worthwhile addition but not as floriferous as Avendel. Open vigorous grower, shiny dark green foliage, no disease.

PEACH BRANDY, Min. (Schwartz '78). Orange yellow to peach (ab), 23 petals. A. Graber (2 pls. 1 yr. 8", Ont.): Informal form - nothing special. Bushy growth habit, medium green fat leaves, no disease. M Humenick (2 pls. 3 yrs. 12", Ont.): Exhibition form, good substance, opens fast, color novel - similar to the new Brass Ring. Good for 'strawberry jar' culture. Compact grower, no disease. C.D. Yeomans (1 pl. 1 yr. 12", B.C.): Small attractive flowers, flat topped, lovely colour, mostly borne singly, vigorous grower, good foliage. Very promising.

PEACHES 'N CREAM, Min. (Woodcock '76) (Little Darling x Magic Wand). Creamy white/peach edge (pb), 50-55 petals. E. Cochran (3 pls. 4 yrs. 18", Ont.): Lovely tapered buds open slowly to perfect exhibition form, excellent substance, long lasting, repeats well. Nothing like it in its class - takes many show awards. Great on 18" trees. Upright spreading growth habit, waxy dark green foliage, no disease. A. Graber (3 pls. 3 yrs. 16", Ont.): 1½" bloom, full H.T. form, good substance,

balls in rain but otherwise a highly rated mini. Spreading growth habit, hardy. M. Humenick (2 pls. 3 yrs. 18'', Cal.): Exhibition form, excellent substance, opens slowly, lasts well on bush and as cut bloom, good in Mini English Box Class at shows - very dependable. Erect grower, no disease. R.J. Kopecky (3 pls. 1-2 yrs. 20'', Neb.): Exhibition form, very good substance, eyecatching color, never out of bloom. Improved second year, wintered well under extreme conditions. Upright bushy growth habit, no disease. B. Porter (2 pl. 2 yrs. 12'', Sask.): Bloom at least 1½'' when fully open, exhibition form, excellent substance, opens slowly, outstanding as cut flowers, delicate coloring, in singles and clusters, long season of bloom - a favorite. Upright bushy grower, dark reddish green foliage., no disease, hardy with protection. (Last year for reporting this rose).

PEACHY KEEN, Min. (D. Bennet '79). Apricot blend (ab). M. Humenick (1 pl. 2 yrs. 20'', Cal.): Exhibition form, good substance, opens slowly, pale color, some fragrance. Very dependable - should be more widely grown. Erect growth habit, medium green foliage, no disease.

PENNY CANDY, Min. (Saville '82) (Rise 'n Shine x Sheri Anne). Orange/yellow (ob, 30 petals. A Graber (1 pl. 1 yr. 8'', Ont.): ½-¾'' bloom, informal form. Bushy compact growth habit, small shiny medium green foliage, bad mildew.

PINK CASCADE, Cl. Min (Moore '81) (R. Wichuriana x Floradora) x Magic Dragon . Medium pink (mp). M. Humenick (1 pl. 2 yrs. 3', cal.): Small blooms in clusters, decorative form, open rather quickly in hot weather, good substance. Best in hanging baskets, canes not as stiff as Red Cascade. Will set hips. Rangy growth habit, dark green foliage, no disease.

PINK PETTICOAT, Min. (Strawn '79) (Neue Revue x Sheri-Anne). Creamy white/edged coral pink (pb), 30-35 petals. A. Graber (3 pls. 3 yrs. 36'', Ont.): 1¾'' bloom, exhibition H.T. form, excellent substance, mostly singles, some sprays, profuse, drops cleanly - but much too tall, like Windy City.. Upright growth habit, dark green semi-glossy foliage, healthy, hardy. A. Leskiw (1 pl. 2 yr. 2'3'' (one branch), Alta.): Double 1'' bloom, high centered form, excellent substance, fruity fragrance, repeat bloomer, very beautiful - my pet all the way. Some lights do not do this rose justice. Dries beautiful in silica gel, lasts a long time. Upright grower, no disease.

POKER CHIP, Min. (Saville '79) Sheri-Anne x (Yellow Jewel x Tamango Seedling) . Scarlet orange/gold (rb), 2530 petals. E. Freeman (1 pl. 1 yr. 9'', Ont.): Large bloom, high centered form, good substance, very showy, repeats well but not enough bloom at any time, one to a stem, sets hips. Flower very large for a mini. Neat bush, no disease. A. Graber (2 pls. 3 yrs. 14'', Ont.): Exhibit 1⅓ open, ugly when full open - too large. Unusual coloring, in singles, 2'' bloom. Upright growth habit, medium green matt foliage, blackspots. Not vigorous but hardy. M Humenick (1 pl. 3 yrs. 12'', Cal.): Decorative form, good substance, unusual coloring, opens too fast - best cut as bud. Erect grower, no disease.

PUPPY LOVE, Min. (Schwartz '78) (Zorina x unnamed seedling). Orange/yellow/pink (ob), 20-25 petals. R. Bryant (1 pl. 2 yrs. 15'', Ont.): H.T. form, good substance, in singles and sprays, repeats well - a prize winner. Spreading growth habit, disease free. E. Cochran (2 pl. 5 yrs. 18'' trees, Cal.): Exhibition form, holds in all types of weather, great substance, beautiful both as bud and open bloom, in sprays and singles, eye catching color. Upright spreading growth habit, no disease. A Graber (3 pls. 4 yrs. 10'', Ont.): 1'' bloom, H.T. exhibition form, good substance, good repeat - love the name and the plant. Spreading growth habit, dark green glossy foliage, no disease, hardy. M. Humenick (2 pls. 5 yrs. 12'', Cal.): Great bud, exhibition bloom, superior substance but opens too fast. Can be a prize winner. Rangy grower, glossy foliage, no disease. (Last year for reporting this rose).

RAZZMATAZZ, Min. (Warriner '82 (Zonira x Fire Princess). M. Humenick (2 pls. 1 yr. 24'', Cal.): 1'' bloom, not many petals, decorative form, great substance, some clusters. Bushy grower, foliage a little large for size of bloom, no disease.

RED ACE, Min. (Saville '80) (Rise 'n Shine x Sheri-Anne). Medium red(mr), 22-25 petals. M. Humenick (1 pl. 2 yrs. 9", Cal.): Decorative form, good substance, muted red color is noteworthy, bloom opens too fast. Compact grower (still a muted red color is noteworthy, bloom opens too fast. Compact grower (still a shortie), dark green foliage, no disease. G. Magee (1 pl. 1 yr. 16", Ont.): H.T. bud is quite small, open bloom is flat and fades. Always has some bloom but has never made a show in its first year. Bushy growth habit, no disease.

RED BEAUTY, Min. (Williams '81) (Starburst x Over the Rainbow). Dark red (dr). G. Magee (1 pl. 3 yrs. 12", Ont.): Slow opening exhibition bud, long lasting open bloom, heavy substance - very promising. Received plant late - looking forward to next year. Bushy growth habit, dark glossy foliage, no disease.

RED FLUSH, Min. (Schwartz '78) (Zorina x mini seedling). Light to medium red(mr), 50-55 petals. E. Freeman (1 pl. 3 yrs. 16", Ont.): Decorative cupped form, pretty bud, good substance, in sprays, a mass of bloom from end of May until frost - best show in my garden. A. Graber (2 pls. 4 yrs. 20", Ont.): 1¼" bloom, cupped form, not exhibition but great color, in clusters, most profuse of all. Bushy growth habit, medium green fat foliage, healthy, hardy. M. Jumenick (1 pl. 5 yrs. 24", Cal.): showy decorative form, good substance, open slowly, lots of clusters and heavy bloomer. Dense growth habit, no disease. R.J. Kopecky (1 pl. 1 yr. 1", Neb.): Flattish form, not exhibition, very good substance. Needs constant removal of spent blooms - Red Flush and Little Linda try to outdo each other in blooming - outstanding garden display. Bushy grower, no disease. G. Magee (1 pl. 1 yr. 18" Ont.): Good bud, open bloom-rounded, full and attractive. Free blooming and showy - good garden variety. Bushy grower, no disease. (Last year for reporting this rose).

RED TAG, Min. (Williams '78) (Seedling x Over the Rainbow). Medium red (mr), 45-50 petals. M. Humenick (1 pl. 5 yrs. 15", Cal.): Decorative form, good substance, blossom shatters rapidly - best in cool weather. There are better red minis. Compact grower, medium green foliage, no disease. (Last year for reporting this rose).

ROSE WINDOW, Min. (Saville '76) (Seedling x Over the Rainbow). Orange/yellow/red (ob), 15-20 petals. M. Humenick (1 pl. 4 yrs. 16", Ont.): Exhibition form, great substance, opens slowly, color contrast most distinctive feature - slowing down on production but still an eye catcher. Erect growth habit, medium green foliage, no disease. G. Magree (1 pl. 1 yr. 18", Ont.): Beautiful bud, sometimes exhibition, open bloom medium large and not always attractive. Best colour in fall - white edge in spring. Bushy grower, no disease. (Last year for reporting this rose).

SEPTEMBER DAYS, Min. (Saville '76) (Rise 'n Shine x Yellow jewel). Deep yellow (dy), 40 petals. A. Graber (1 pl. 3 yrs. 10", Ont.): ¾" bloom, confused form, good repeat, better with shade. A real mico mini. Compact grower, tiny dull green foliage, touch of mildew, tender. M Humenick (1 pl. 3 yrs. 14", Cal.): Exhibition form, good substance, opens fast, cut bloom shatters too - still prefer Rise 'n Shine. Rangy growth habit. (Last year for reporting this rose).

SIERRA SUNRISE, Min. (Moore '80). Yellow blend (yb). A Leskiw (1 pl. 1 yr. 11", Sask.): 1¼" bloom, very double, excellent form and substance, sweet fruity fragrance, rose color on tips of petals as bloom matures. Very much like Avandel - highly recommended. Spreading growth habit, healthy dark green foliage.

SINGLE BLISS, Min. (Saville '80) (Seabreeze x Baby Betsy McCall). Rose red white eye (rb), 5 petals. A. Graber (1 pl. 1 yr. Ont.): Only plant died over winter and none of the cuttings took - will get another. M. Humenick (1 pl. 2 yrs. 10", Cal.): Decorative form, good substance, a micro mini-clusters of tiny white eyed red blooms. Compact growth habit, no disease.

SNOW CARPET, Cl. Min (McGredy '80) (New Penny x Temple Bells). White (w), 5 petals. A. Graber (3 pls. 2 yrs. 8"x18", Ont.): ½" bloom, dainty plant but little bloom, ground cover. Tiny feathery foliage, healthy, a little tender but vigorous grower. M. Humenick (2 pls. 3 yrs. 2'x30", Cal.): Flower is an afterthought which is true of any offspring of Temple Bells, decorative form, no substance, a ground cover. Weepy growth habit, lots of tiny leaves, no disease but watch out for spider mites.

SNOW MAGIC, Min. (Moore '76). No reports. (Last year for reporting this rose).

SPICE DROP, Min. (Saville '81) (Sheri Anne x Glenfiddich) x Unnamed moss seedling x (Sarabande x Little Chief). Light pink (lp). M. Humenick (1 pl. 1 yr. 8", Cal.): Tiny flower, decorative form, good substance, small medium green foliage, no disease. A micro mini - too new for me to rate fairly.

STAR TWINKLE, Min. (Moore '78) (Fairly Moss x Fire Princess). Pink, coral and orange (pb). M. Humenick (2 pls. 5 yrs. 7", Cal.): A single - resembles Tiny Tears, no moss, decorative form, good substance. Dense growth habit, dark green foliage, no disease. (Last year for reporting this rose).

STRANGE MUSIC, Min. (Moore '80). Striped red and white. Mossed buds. E. Hillier (1 pl. 1 yr. 12", Ont.): Double 1½" bloom, good form and substance. The name suits the rose. Good growth habit, good foliage, no disease.

STRAWBERRY SWIRL, Min. (Moore '78). (Little Darling x unnamed miniature seedling). Red and white stripes (rb). M Humenick (1 pl. 5 yrs. 24" Cal.): Decorative form, good substance, opens flat, novel color contrast. Rangy grower, stiff ugly thorny stems disguised as 'moss'. No disease. (Last year for reporting this rose).

SUMMER BUTTER, Min. (Saville '79) (Arthur Bell x Yellow Jewel). Medium yellow (my), 20-25 petals. A. Graber (1 pl. 3 yrs. 8", Ont.): 1¼" bloom, cupped decorative form, most fragrant - I like it. Compact growth habit, medium green glossy foliage, some blackspot, hardy. M Humenick (2 pls. 2 yrs. 6", Cal.): Exhibition form, good substance, opens fast, bloom trifle large for mini class, stamens an asset when fully open, some fragrance. Compact grower, medium green foliage, no disease.

SUNDUST, Min. (Moore '77) (Golden Glow x Magic Wand). Light apricot-yellow (yb), 20-25 petals. B. Porter (1 pl. 6 yrs. 7", Sask.): 1½" bloom, exhibition but loose form, average substance, borne sporadically in clusters, fleeting. Hardly worth keeping - rarely in bloom and color is nothing special. Compact bushy grower, no disease, hardy with protection.

SUNNEYDEW, Min. (Schwartz '78) (Yellow Doll x unnamed seedling). Deep yellow (dy), 18 petals. M. Humenick (1 pl. 2 yrs. 8", Cal.): Decorative form, good substance, opens fast, stingy on bloom production. Too many minis in this color class. Compact growth habit, no disease.

SUNSPRAY, Min. (Christensen '80). Deep yellow (dy), 18-20 petals. M. Humenick (1 pl. 1 yr. 16", Cal.): Decorative form, good substance, opens too fast but does not fade, some fragrance. Rangy growth habit, medium green foliage, no disease. G. Magee (1 pl. 1 yr. 12", Ont.): Pointed bud, semi-double bloom, fair form, attractive but fades rapidly. Bushy growth habit, no disease.

SWEET MANDARIN, Min. (Schwartz '78) (Sweet and Low x Gypsy Moth seedling). Light orange (ob), 16 petals. M. Humenick (3 pls. 3 yrs. 10-12", Cal.): Small flower, decorative form, good substance, opens fast, showy color, in clusters as well as one per stem, a micro mini. Dense grower, medium green foliage, no disease. C.D. Yeomans (1 pl. 1 yr. 9", B.C.): H.T. shape opening to pom

pom form, flat-topped small blooms, singly and in small clusters. Small light green not very attractive foliage, bushy plant. (Do I have sweet Mandarin - mine has 50 petals, MR 8 says 16 petals)?'

TINY TEARS, Min. (D. Bennett '79) (Pink Ribbon x Pink Ribbon). Medium pink (mp, 5 petals. M. Humenick (2 pls. 2 yrs. 7'', Cal.): A single mini, decorative form, good substance, lovely, can be a mass of bloom. Dense growth habit, dark green foliage, no disease.

TOY BALLOON, Min. (Moore '79) (Fairy Moss x Fire Princess). Dark red (dr), 45-50 petals. A. Rendle (1 pl. 1 yr. 12-14'', B.C.): High centered double bloom, good substance, not too many blooms the first year. Sprawly growth habit, small leathery foliage, no disease.

TUTU, Min. Rovinski & Meredith '78) (Over the Rainbow x seedling). Pink and rose (pb), 33-45 petals. M. Hmenick (1 pl. 3 yrs. 15'', Cal.): Large flower, exhibition form, great substance, best cut as bud, holds form long time. At its best in early spring. Rangy grower, dark green foliage, no disease.

UPSTART, Min. (Warriner '82) (Merci x Fire Princess). Medium red (mr), M. Humenick (1 pl. 1 yr. 12'', Cal.): Exhibition form, good substance, opens fast in our heat, best in bud stage, some clusters. Dense growth habit, dark green foliage, no disease.

YOUNG COLE (WANAKA), Min. (McGredy '78) (Anytime x Trumpeter). Brilliant vermilion (or), 40 petals. A. Graber (1 pl. 1 yr. 8'', Ont.): 1¼'' bloom, decorative form, good substance, in sprays, lovely. Bushy grower, round medium green foliage, no disease. M.C Humenick (1 pl. 2 yrs. 15'', Cal.): Decorative form, good substance, many clusters, arrangers like this one - so do I. Rangy growth habit, dark green foliage, no disease. K. Mychaluk (1 pl. 1 yr. short, Alta.): Nothing unusual about this rose. Foliage just o.k., no disease noted.

YELLOW DOLL, Cl. Min (J. Kirk '76). No reports. (Last year for reporting this rose).

ZINGER, Min. (Schwartz '78) (Zorina x Magic Carrousel). Crimson/bright yellow centre (mr), 10-12 petals. A. Graber (1 pl. 5 yrs. 14'', Ont.): 1¼'' bloom, decorative form, good colour and good repeat. Bushy growth habit, medium green dull foliage, some mildew, tender. M. Humenick (1 pl. 5 yrs. 20'', Cal.): Decorative form, great substance, opens too fast, stamens are lovely. Bushy growth habit, dark green foliage, no disease. (Last year for reporting this rose).

World Rose Convention — Toronto, June 1985

Planning has already begun for the Seventh Convention of the World Federation of Rose Societies (W.F.R.S.), which will be held in Toronto during the last week of June 1985. This event will be a wonderful chance for all interested rosarians to meet rose growers and breeders from the more than twenty countries that make up the World Federation of Rose Societies. In addition, we look forward to showing our visitors the wealth of scenery, gardens and roses that exist across Canada. We hope that each and everyone of you will plan to join us either by coming to Toronto for this great rose occasion or by hosting our guests as they tour your community. We will keep you informed as specific plans are made and in the meantime, we heartily welcome any advice or suggestions.



ENSURE THAT YOU WILL RECEIVE YOUR COPIES OF THE 1983-84 ROSARIANS AND THE 1984 CANADIAN ROSE ANNUAL AND OTHER BENEFITS OF MEMBERSHIP BY JOINING/RENEWING NOW!

Mrs. Bea Hunter,
20 Portico Drive,
Scarborough,
Ontario.
M1G 3R3

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GIVE YOUR ROSES TENDER LOVING CARE.

Everything you need to protect your roses!

Rose and Flower Guard

Controls insects, Red Spider mites, Powdery Mildew, and Black Spot. Comes in handy pushbutton spray container.



Rose Food

Contains iron combined with a specially formulated fertilizer to help your roses four ways: produce deep green foliage, good bloom colour, stimulate new growth and repeated blossom formation.



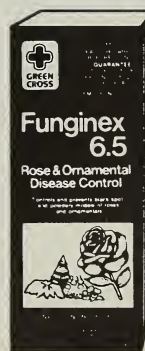
Rose Dust Squeeze Duster

Just squeeze to apply a light, even coating of dust. Controls insects and plant diseases. Refills available.



Funginex

Contains Triforine, a new systemic fungicide that controls and prevents Black Spot and Mildew. Works inside the plant and is not washed off by rain. Mix with water and spray.



Notes

